

Translated English of Chinese Standard: GB/T5009.194-2003

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GB

National Standard
of the People's Republic of China

GB/T 5009.194-2003

Determination of immunoglobulin in health foods

保健食品中免疫球蛋白 IgG 的测定

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Standard ID	Standard Name	Issued Date	Enforced Date	New Version (Click to check)?
GB/T 5009.1-2003	Methods of food hygienic analysis-Physical and chemical section--General principles	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.1
GB/T 5009.2-2003	Determination of relative density of foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.2
GB 5009.3-2010	National food safety standard Determination of moisture in foods	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205009.3
GB 5009.4-2010	National food safety standard Determination of ash in foods	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205009.4
GB 5009.5-2010	National food safety standard Determination of Protein in foods	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205009.5
GB/T 5009.6-2003	Determination of fat in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.6
GB/T 5009.7-2008	Determination of reducing sugar in foods	2008-11-21	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.7
GB/T 5009.8-2008	Determination of saccharose in foods	2008-12-03	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.8
GB/T 5009.9-2008	Determination of starch in foods	2008-12-03	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.9
GB/T 5009.10-2003	Determination of crude fiber in vegetable foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.10
GB/T 5009.11-2003	Determination of total arsenic and abio-arsenic in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.11
GB 5009.12-2010	National food safety standard Determination of lead in foods	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205009.12

GB/T 5009.13-2003	Determination of copper in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.13
GB/T 5009.14-2003	Determination of zinc in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.14
GB/T 5009.15-2003	Determination of cadmium in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.15
GB/T 5009.16-2003	Determination of tin in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.16
GB/T 5009.17-2003	Determination of total mercury and organic-mercury in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.17
GB/T 5009.18-2003	Determination of fluorine in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.18
GB/T 5009.19-2008	Determination of organochlorine pesticide multiresidues in foods	2008-12-03	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.19
GB/T 5009.20-2003	Determination of organophosphorus pesticide residues in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.20
GB/T 5009.21-2003	Determination of carbaryl residues in cereals, oils and vegetables	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.21
GB/T 5009.22-2003	Determination of aflatoxin B ₁ in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.22
GB/T 5009.23-2006	Determination of aflatoxins B ₁ , B ₂ , G ₁ , G ₂ in foods	2006-09-14	2007-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.23
GB 5009.24-2010	National food safety standard Determination of aflatoxins M ₁ and B ₁ in foods	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205009.24
GB/T 5009.25-2003	Determination of sterigmatocystin in vegetable foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.25
GB/T 5009.26-2003	Determination of N-nitrosamines in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.26
GB/T 5009.27-2003	Determination of benzo (a) pyrene in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.27
GB/T 5009.28-2003	Determination of sacchar in sodium in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.28

GB/T 5009.29-2003	Determination of sorbic acid and benzioc acid in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.29
GB/T 5009.30-2003	Determination of butylated hydroxyanisole and butylated hydroxytoluene in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.30
GB/T 5009.31-2003	Determination of p-hydroxybenzoic acid esters in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.31
GB/T 5009.32-2003	Determination of propylgallate in oils and fats	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.32
GB 5009.33-2010	National food safety standard Determination of nitrite and nitrate in foods	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205009.33
GB/T 5009.34-2003	Determination of sulphite in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.34
GB/T 5009.35-2003	Determination of synthetic colour in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.35
GB/T 5009.36-2003	Method for analysis of hygienic standard of grains	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.36
GB/T 5009.37-2003	Method for analysis of hygienic standard of edible oils	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.37
GB/T 5009.38-2003	Method for analysis of hygienic standard of vegetables and fruits	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.38
GB/T 5009.39-2003	Method for analysis of hygienic standard of soybean sauce	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.39
GB/T 5009.40-2003	Method for analysis of hygienic standard for grain paste	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.40
GB/T 5009.41-2003	Method for analysis of hygienic standard of vinegar	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.41
GB/T 5009.42-2003	Method for analysis of hygienic standard of table salt	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.42
GB/T 5009.43-2003	Method for analysis of hygienic standard of monosodium glutamate	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.43
GB/T 5009.44-2003	Method for analysis of hygienic standard of meat and meat products	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.44

GB/T 5009.45-2003	Method for analysis of hygienic standard of fish and other aquatic products	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.45
GB/T 5009.47-2003	Method for analysis of hygienic standard of egg and egg products	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.47
GB/T 5009.48-2003	Method for analysis of hygienic standard of distilled wines and mixed wines	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.48
GB/T 5009.49-2008	Method for analysis of hygienic standard of fermented alcoholic beverages and their integrated alcoholic beverages	2008-11-21	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.49
GB/T 5009.50-2003	Method for analysis of hygienic standard of cold drink and foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.50
GB/T 5009.51-2003	Method for analysis of hygienic standard of nonfermented bean products and gluten	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.51
GB/T 5009.52-2003	Method for analysis of hygienic standard of fermented been products	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.52
GB/T 5009.53-2003	Method for analysis of hygienic standard of products made by starch	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.53
GB/T 5009.54-2003	Method for analysis of hygienic standard of picked vegetables	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.54
GB/T 5009.55-2003	Method for analysis of hygienic standard of sugars	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.55
GB/T 5009.56-2003	Method for analysis of hygienic standard of pastry	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.56
GB/T 5009.57-2003	Method for analysis of hygienic standard of tea	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.57
GB/T 5009.58-2003	Method for analysis of hygienic standard of polyethylene resin for food packaging	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.58
GB/T 5009.59-2003	Method for analysis of hygienic standard of polystyrene resin for food packaging	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.59

GB/T 5009.60-2003	Method for analysis of hygienic standard of products of polyethylene, polystyrene and polypropylene for food packaging	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.60
GB/T 5009.61-2003	Method for analysis of hygienic standard of products of tripolycyanamide for food packaging	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.61
GB/T 5009.62-2003	Method for analysis of hygienic standard of ceramics for food containers	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.62
GB/T 5009.63-2003	Method for analysis of hygienic standard of enamel for food containers	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.63
GB/T 5009.64-2003	Method for analysis of hygienic standard of rubber sheet(ring) for food use	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.64
GB/T 5009.65-2003	Method for analysis of hygienic standard of rubber sealing ring for pressure cooker for food use	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.65
GB/T 5009.66-2003	Method for analysis of hygienic standard of nipple of a feeding bottle	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.66
GB/T 5009.67-2003	Method for analysis of hygienic standard of products of polyvinyl chloride for food packaging	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.67
GB/T 5009.68-2003	Method for analysis of hygienic standard of perchlorovinyl-coating for inner wall of food container	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.68
GB/T 5009.69-2008	Method for analysis of hygienic standard of epoxy phenolic coatings for inner wall of food cans	2008-07-31	2008-11-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.69
GB/T 5009.70-2003	Method for analysis of hygienic standard of epoxy coating for inner wall of food container	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.70
GB/T 5009.71-2003	Method for analysis of hygienic standard of polypropylene resin for food packaging	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.71
GB/T 5009.72-2003	Method for analysis of hygienic standard of aluminum-ware for food use	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.72
GB/T 5009.73-2003	Determination of ethylene dibromide residues in grains	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.73

GB/T 5009.74-2003	Method for limit test of heavy metals in food additives	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.74
GB/T 5009.75-2003	Determination of lead in food additives	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.75
GB/T 5009.76-2003	Determination of arsenic in food additives	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.76
GB/T 5009.77-2003	Method for analysis of hygienic standard of edible hydrogenated oil	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.77
GB/T 5009.78-2003	Method for analysis of hygienic standard of papers for food packaging	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.78
GB/T 5009.79-2003	Hygienic analysis method of rubber hose for food use	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.79
GB/T 5009.80-2003	Method for analysis of hygienic standard of polytetrafluorethylene coating for inner wall of food container	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.80
GB/T 5009.81-2003	Method for analysis of hygienic standard of stainless steel food containers and table wares	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.81
GB/T 5009.82-2003	Determination of retinol and tocopherol in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.82
GB/T 5009.83-2003	Determination of carotene in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.83
GB/T 5009.84-2003	Determination of thiamine(vitamin B1) in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.84
GB/T 5009.85-2003	Determination of riboflavin in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.85
GB/T 5009.86-2003	Determination of total ascorbic acid in fruits, vegetables and derived products-Fluorimetric method and colorimetric method	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.86
GB/T 5009.87-2003	Determination of phosphorus in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.87
GB/T 5009.88-2008	Determination of dietary fiber in foods	2008-12-03	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.88
GB/T 5009.89-2003	Determination of niacin in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.89

GB/T 5009.90-2003	Determination of iron, magnesium and manganese in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.90
GB/T 5009.91-2003	Determination of potassium and sodium in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.91
GB/T 5009.92-2003	Determination of calcium in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.92
GB 5009.93-2010	National food safety standard Determination of selenium in foods	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205009.93
GB 5009.94-2012	National Food Safety Standard Determination of Rare Earth Element in Foods of Plant	2012-05-17	2012-07-17	http://www.chinesestandard.net/Default.aspx?StdID=GB%205009.94
GB/T 5009.95-2003	Determination of tetracyclines residues in honey	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.95
GB/T 5009.96-2003	Determination of ochratoxin A in cereals and soybeans	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.96
GB/T 5009.97-2003	Determination of sodium cyclamate in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.97
GB/T 5009.98-2003	Method for analysis of hygienic standard of unsaturated polyester resin and glass fibre reinforced plastics used as food containers and packaging materials	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.98
GB/T 5009.99-2003	Method for analysis of hygienic standard of polycarbonate resin used as food containers and packaging materials	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.99
GB/T 5009.100-2003	Method for analysis of hygienic standard of products of foamed polystyrene for food packaging	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.100
GB/T 5009.101-2003	Determination of antimony in polyester resin and products for food containers and packaging materials	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.101
GB/T 5009.102-2003	Determination of phoxim pesticide residues in vegetable foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.102
GB/T 5009.103-2003	Determination of methamidophos and acephate pesticide residues in vegetable foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.103
GB/T 5009.104-2003	Determination of carbamate pesticide residues in vegetable foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.104

GB/T 5009.105-2003	Determination of chlorothalonil residues in cucumber	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.105
GB/T 5009.106-2003	Determination of permethrin residues in vegetable foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.106
GB/T 5009.107-2003	Determination of diazinon residues in vegetable foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.107
GB/T 5009.108-2003	Determination of diaethylstilbestrol in flesh	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.108
GB/T 5009.109-2003	Determination of isocarbophos residues in orange	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.109
GB/T 5009.110-2003	Determination of cypermethrin, fenvalerate and deltamethrin residues in vegetable foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.110
GB/T 5009.111-2003	Determination of deoxynivalenol in cereal and cereal products	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.111
GB/T 5009.112-2003	Determination of quinalphos residues in rice and orange	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.112
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GB/T 5009.114-2003	Determination of bisultap residues in rice	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.114
GB/T 5009.115-2003	Determination of tricyclazole residues in rice	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.115
GB/T 5009.116-2003	Determination of oxytetracycline, tetracycline and chlortetracycline residues in meat(HPLC)	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.116
GB/T 5009.117-2003	Method for analysis of hygienic standard of edible soybean meal	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.117
GB/T 5009.118-2008	Determination of T-2 toxin in cereals	2008-11-21	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.118
GB/T 5009.119-2003	Determination of diaminomethylbezen of complex for food packaging material	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.119
GB/T 5009.120-2003	Determination of sodium propionate and calcium propionate in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.120

GB/T 5009.121-2003	Determination of dehydroacetic acid in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.121
GB/T 5009.122-2003	Determination of residual ethylidene dichloride in polyvinyl chloride resin and product for food container and packaging material	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.122
GB/T 5009.123-2003	Determination of chromium in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.123
GB/T 5009.124-2003	Determination of amino acids in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.124
GB/T 5009.125-2003	Determination of 6-caprolactam in nylon 6 resin and its products	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.125
GB/T 5009.126-2003	Determination of triadimefon residues in vegetable foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.126
GB/T 5009.127-2003	Determination of germanium in polyester resin and products for food packaging	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.127
GB/T 5009.128-2003	Determination of cholesterin in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.128
GB/T 5009.129-2003	Determination of ethoxyquin residues in fruits	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.129
GB/T 5009.130-2003	Determination of fomesafen residues in soybeans and cereals	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.130
GB/T 5009.131-2003	Determination of phosmet residues in vegetable foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.131
GB/T 5009.132-2003	Determination of atrazine residues in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.132
GB/T 5009.133-2003	Determination of chlorotoluron residues in grains	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.133
GB/T 5009.134-2003	Determination of molinate residues in rice	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.134
GB/T 5009.135-2003	Determination of chlorbenzuron residues in vegetable foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.135

GB/T 5009.136-2003	Determination of quintozone residues in vegetable foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.136
GB/T 5009.137-2003	Determination of antimony in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.137
GB/T 5009.138-2003	Determination of nickel in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.138
GB/T 5009.139-2003	Determination of caffeine in beverages	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.139
GB/T 5009.140-2003	Determination of acesulfame K in beverages	2003-08-11	2004-01-10	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.140
GB/T 5009.141-2003	Determination of allura red in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.141
GB/T 5009.142-2003	Determination of fluazifop-butyl and its acid residues in vegetable food	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.142
GB/T 5009.143-2003	Determination of amitraz residues in vegetables, fruits, edible oil	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.143
GB/T 5009.144-2003	Determination of isofenphos-methyl residues in vegetable foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.144
GB/T 5009.145-2003	Determination of organophosphorus and carbamate pesticide multiresidues in vegetable foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.145
GB/T 5009.146-2008	Determination of organochlorines and pyrethroid pesticide multiresidues in vegetable foods	2008-12-03	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.146
GB/T 5009.147-2003	Determination of diflubenzuron residues in vegetable foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.147
GB/T 5009.148-2003	Determination of gossypol in vegetable foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.148
GB/T 5009.149-2003	Determination of crocin in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.149
GB/T 5009.150-2003	Determination of monascas colours in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.150
GB/T 5009.151-2003	Determination of germanium in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.151

GB/T 5009.152-2003	Determination of residual acrylonitrile monomer in styrene--acrylonitrile copolymers and rubber--modified acrylonitrile--butadiene--styrene resins and their products used for food packaging	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.152
GB/T 5009.153-2003	Determination of phytic acid in vegetable foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.153
GB/T 5009.154-2003	Determination of vitamin B6 in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.154
GB/T 5009.155-2003	Determination of isoprothiolane residues in rice	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.155
GB/T 5009.156-2003	General principle for the determination of migration of packaging materials and their products	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.156
GB/T 5009.157-2003	Determination of organic acid in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.157
GB/T 5009.158-2003	Determination of vitamin K1 in vegetables	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.158
GB/T 5009.159-2003	Determination of reductive--form ascorbic acid in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.159
GB/T 5009.160-2003	Determination of semiamitraz residues in fruits	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.160
GB/T 5009.161-2003	Determination of organophosphorus pesticide multiresidues in animal foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.161
GB/T 5009.162-2008	Determination of organochlorine and pyrethroid pesticide multiresidues in animal original foods	2008-12-03	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.162
GB/T 5009.163-2003	Determination of carbamate pesticides multiresidues in animal foods(HPLC)	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.163
GB/T 5009.164-2003	Determination of butachlor residues in rice	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.164
GB/T 5009.165-2003	Determination of 2, 4-D butylate residues in grains	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.165

GB/T 5009.166-2003	Preliminary test of resin and it's products used as food packaging materials	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.166
GB/T 5009.167-2003	Determination of F ⁻ , CL ⁻ , Br ⁻ , NO ₃ ⁻ , SO ₄ ²⁻ ions in drinking water from natural mineral spring by reversed HPLC	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.167
GB/T 5009.168-2003	Determination of eicosapentaenoic acid and docosaheaxaenoic acid in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.168
GB/T 5009.169-2003	Determination of taurine in foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.169
GB/T 5009.170-2003	Determination of melatonin in health foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.170
GB/T 5009.171-2003	Determination of the action of superoxide dismutase in health foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.171
GB/T 5009.172-2003	Determination of trifluralin residues in soybean, peanut, soybean oil, peanut oil	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.172
GB/T 5009.173-2003	Determination of hexythiazox residues in pome and orange fruits	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.173
GB/T 5009.174-2003	Determination of metolachlor residues in peanut and soybean	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.174
GB/T 5009.175-2003	Determination of 2, 4--D in grains and vegetables	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.175
GB/T 5009.176-2003	Determination of dicofol residues in tea, fruits, edible vegetable oils	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.176
GB/T 5009.177-2003	Determination of propanil residues in rice	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.177
GB/T 5009.178-2003	Determination of formaldehyde for food packaging material	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.178
GB/T 5009.179-2003	Determination of trimethylamine nitrogen in ham	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.179
GB/T 5009.180-2003	Determination of oxadiazon residues in cereals and peanuts	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.180

GB/T 5009.181-2003	Determination of propyldialdehyde in lard	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.181
GB/T 5009.182-2003	Determination of aluminium in flour products	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.182
GB/T 5009.183-2003	Qualitative analysis of urease in vegetable protein drinking	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.183
GB/T 5009.184-2003	Determination of buprofezin in cereals and vegetables	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.184
GB/T 5009.185-2003	Determination of patulin in apple and hawthorn products	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.185
GB/T 5009.186-2003	Qualitative analysis of urease in yoghurt beverage	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.186
GB/T 5009.188-2003	Determination of thiophanate-methyl, carbendazim in vegetables and fruits	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.188
GB/T 5009.189-2003	Determination of bongkreic acid in tremella fuciformis berk	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.189
GB/T 5009.190-2006	Determination of indicator polychlorinated biphenyls in foods	2006-09-14	2007-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.190
GB/T 5009.191-2006	Determination of chloropropanols in foods	2006-09-14	2007-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.191
GB/T 5009.192-2003	Determination of 4-amino-3, 5-dichloro- α [(tert-butylamino)methyl]-benzyl alcohol(clenbuterol) residues in animal foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.192
GB/T 5009.193-2003	Determination of dehydroepiandrosterone in health foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.193
GB/T 5009.194-2003	Determination of immunoglobulin in health foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.194
GB/T 5009.195-2003	Determination of chromium picolinate in health foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.195
GB/T 5009.196-2003	Determination of inositol in health foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.196

GB/T 5009.197-2003	Determination of thiamine hydrochloride, pyridoxine hydrochloride, niacin niacinamide and caffeine in health foods	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.197
GB/T 5009.199-2003	Rapid determination for organophosphate and carbamate pesticide residues in vegetables	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.199
GB/T 5009.200-2003	Determination of difenzoquat residues in wheat	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.200
GB/T 5009.201-2003	Determination of diniconazole residues in pear	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.201
GB/T 5009.202-2003	Determination of polar compounds in edible vegetable oils used in frying food	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.202
GB/T 5009.203-2003	Methods of analysis for the evaporated residues in the hygienic standard of food containers of plant fibre origin	2003-08-11	2004-01-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.203
GB/T 5009.204-2005	GC-MS method for determination of acrylamide in food	2005-09-03	2005-12-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.204
GB/T 5009.205-2007	Determination of toxic equivalencies of dioxin and dioxin-like compounds in foods	2007-10-29	2008-04-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.205
GB/T 5009.206-2007	Determination for tetrodotoxin in fresh pufferfish	2007-10-29	2008-04-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.206
GB/T 5009.207-2008	Determination of 50 organophosphorus pesticides in unpolished rice	2008-11-21	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.207
GB/T 5009.208-2008	Determination of biogenic amine in foods	2008-11-21	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.208
GB/T 5009.209-2008	Determination of zearalenone in cereals	2008-11-21	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.209
GB/T 5009.210-2008	Determination of pantothenic acid in foods	2008-11-21	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.210
GB/T 5009.211-2008	Determination of folates in foods	2008-11-21	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.211
GB/T 5009.212-2008	Determination of diarrhetic shellfish poison in shellfish	2008-11-21	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.212

GB/T 5009.213-2008	Determination of paralytic shellfish poison in shellfish	2008-11-21	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.213
GB/T 5009.215-2008	Determination of organotins in foods	2008-12-03	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.215
GB/T 5009.217-2008	Determination of vitamin B ₁₂ in health foods	2008-12-03	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.217
GB/T 5009.218-2008	Determination of multi pesticides residues in fruits and vegetables	2008-12-03	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.218
GB/T 5009.219-2008	Determination of the residues of chlorocholine chloride in cereals	2008-12-03	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.219
GB/T 5009.220-2008	Determination of the residues of anilazine in cereals	2008-12-03	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.220
GB/T 5009.221-2008	Determination of the residues of diquat in cereals	2008-12-03	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.221
GB/T 5009.222-2008	Determination of citrinin in Monascus products	2008-12-03	2009-03-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205009.222
GB/T 5413.2-1997	Milk powder and formula foods for infant and young children-- Determination of whey protein	1997-05-28	1998-09-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205413.2
GB 5413.3-2010	National food safety standard Determination of fat in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.3
GB 5413.5-2010	National food safety standard Determination of lactose and sucrose in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.5
GB 5413.6-2010	National food safety standard Determination of insoluble dietary fiber in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.6
GB/T 5413.7-1997	Milk powder and formula foods for infant and young children-- Determination of ash	1997-05-28	1998-09-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205413.7
GB/T 5413.8-1997	Milk powder and formula foods for infant and young children-- Determination of the water content	1997-05-28	1998-09-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205413.8

GB 5413.9-2010	National food safety standard Determination of vitamin A, D, E in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.9
GB 5413.10-2010	National food safety standard Determination of vitamin K in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.10
GB 5413.11-2010	National food safety standard Determination of vitamin B in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.11
GB 5413.12-2010	National food safety standard Determination of vitamin B in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.12
GB 5413.13-2010	National food safety standard Determination of vitamin B in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.13
GB 5413.14-2010	National food safety standard Determination of vitamin B in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.14
GB 5413.15-2010	National food safety standard Determination of vitamin niacin and niacinamide in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.15
GB 5413.16-2010	National food safety standard Determination of folic acid (folate activity) in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.16
GB 5413.17-2010	National food safety standard Determination of pantothenic in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.17
GB 5413.18-2010	National food safety standard Determination of vitamin C in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.18
GB 5413.19-2010	National food safety standard Determination of free biotin in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.19
GB/T 5413.20-1997	Milk powder and formula foods for infant and young children--Determination of choline	1997-05-28	1998-09-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205413.20
GB 5413.21-2010	National food safety standard Determination of calcium, iron, zinc, sodium, potassium, magnesium, copper and manganese in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.21

GB 5413.22-2010	National food safety standard Determination of phosphorus in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.22
GB 5413.23-2010	National food safety standard Determination of iodine in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.23
GB 5413.24-2010	National food safety standard Determination of chlorine in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.24
GB 5413.25-2010	National food safety standard Determination of inositol in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.25
GB 5413.26-2010	National food safety standard Determination of taurine in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.26
GB 5413.27-2010	National food safety standard Determination of fatty acids in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.27
GB 5413.29-2010	National food safety standard Determination of solubility in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.29
GB 5413.30-2010	National food safety standard Determination of impurities in milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.30
GB/T 5413.31-1997	Milk powder and formula foods for infant and young children-- Qualitative detection of urease	1997-05-28	1998-09-01	http://www.chinesestandard.net/Default.aspx?StdID=GB/T%205413.31
GB 5413.33-2010	National food safety standard Determination of specific gravity in raw milk	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.33
GB 5413.34-2010	National food safety standard Determination of acidity in milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.34
GB 5413.35-2010	National food safety standard Determination of β -carotene in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.35
GB 5413.36-2010	National food safety standard Determination of trans fatty acids in foods for infants and young children, milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.36
GB 5413.37-2010	National food safety standard Determination of aflatoxin M in milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.37

GB 5413.38-2010	National food safety standard Determination of freezing point in raw milk	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.38
GB 5413.39-2010	National food safety standard Determination of nonfat total milk solids in milk and milk products	2010-03-26	2010-06-01	http://www.chinesestandard.net/Default.aspx?StdID=GB%205413.39

Foreword

This Standard is proposed and administered by Ministry of Health, the People's Republic of China.

This Standard is responsibly drafted by Food Hygiene Supervision and Inspection Institute of Ministry of Health.

Main drafters of this standard: Yang Zuying, and Song Shufeng.

Introduction

As a functional ingredient, immunoglobulin IgG has been currently added in health foods, this ingredient has certain effect for strengthening the immune system, regulating physiological functions of animal body and metabolism of some specific substances, etc. This method references to and is based on the immunoglobulin IgG determination method of the New Zealand Health Food Co., Ltd. It is improved according to the instruments and equipment conditions of China, so as to establish high performance liquid chromatography determination method of immunoglobulin content in health foods such as tablets, and powders.

Determination of immunoglobulin IgG in health foods

1 Application scope

This Standard specifies the determination method of immunoglobulin IgG in health foods. This Standard applies to determination of immunoglobulin IgG in health foods such as tablets, capsules, and powders.

The detection limit of this method: When taking 0.1g of the sample; diluting it to 25 mL; and the injection volume is 20 μ L, the detection concentration shall be 0.5 mg / mL.

2 Principle

According to the principle of high performance affinity chromatography, under the condition of phosphate buffer, immunoglobulin IgG is connected with ligand. Under the condition of pH2.5 hydrochloric acid glycine, ELUTE the immunoglobulin IgG.

3 Reagents

3.1 Mobile phase A: pH6.5, 0.05 mol / L phosphate buffer.

3.2 Mobile phase B: pH2.5, 0.05 mol / L glycine hydrochloric acid buffer.

3.3 IgG standard stock solution: WEIGH 0.0100g of IgG standard sample (Sigma Chemical Company), USE mobile phase A (3.1) to dissolve, and SET the volume to 10.0 mL, SHAKE well, the concentration shall be 1.0 mg / mL.

3.4 IgG standard series solutions: TAKE IgG standard stock solution, USE mobile phase A (3.1) to dilute into standard series containing 0.4, 0.6, 0.8, and 1.0 mg / mL of IgG respectively. PREPARE these whenever using.

4 Instruments and devices

High performance liquid chromatography instrument with UV detection and gradient elution device.

5 Analysis steps

5.1 Sample treatment: WEIGH 0.1g (accurate to 0.001 g) of sample, USE mobile phase A (3.1) to dilute to 25.0mL, SHAKE well, INJECT after it is filtered through 0.45 μ m

8 Chromatograms

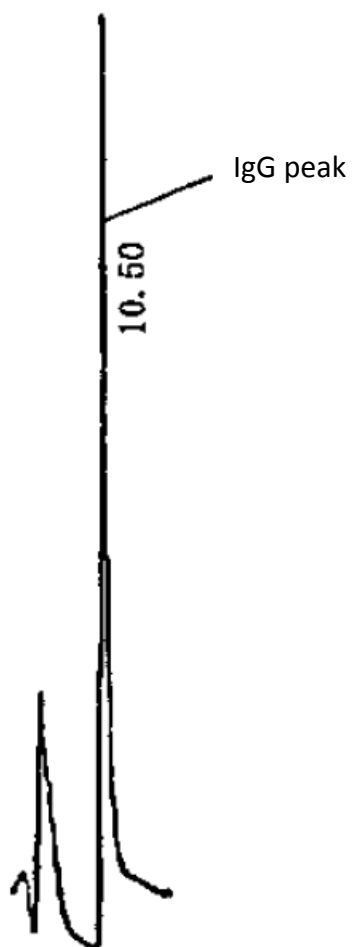


Figure 1 IgG standard chromatogram

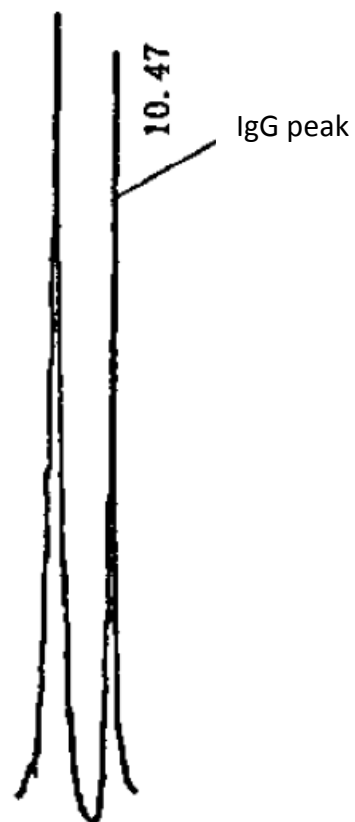


Figure 2 Colostrum chromatogram

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