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PETROCHEMICAL INDUSTRY STANDARD

OF THE PEOPLE'S REPUBLIC OF CHINA

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SH/T 1499.9-1997

Pure adipic acid -

Measurement of melt colour (in Pt-Co scale)

精己二酸熔融物色度的测定

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Foreword

This Standard is equivalent to 4.12 "Measurement of melt colour (in Pt-Co scale)" in GOCT 10558-80 * (No.2 Modification Notice was approved in September 1989, and No.2 Modification Notice was approved in March 1992) "Adipic acid - Technical conditions".

This Standard is the test method added for this revision of SH/T 1499-92.

This Standard is written in accordance with GB/T 1.1-1993.

This Standard is proposed by Liaoyang Petrochemical Company.

This Standard is under the jurisdiction of Subcommittee on Petrochemistry of National Technical Committee on Chemical of Standardization Administration of China.

This Standard is drafted by No.4 Chemical Factory of Liaoyang Petrochemical Company.

Main drafters of this Standard: Xue Shaoju, Tang Min, Tong Enbao.

This Standard was first published on July 12, 1997.

Pure adipic acid - Measurement of melt colour (in Pt-Co scale)

1 Scope

This Standard specifies the visual colorimetric method for the measurement of melt colour of pure adipic acid.

This Standard is applicable to the measurement of melt colour of pure adipic acid.

2 Reference standards

The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. At the time of publication of this Standard, the versions shown are valid. All standards will be revised, and the parties to agreements based on this Standard are encouraged to investigate the possibility of applying the most recent editions of the standards.

GB/T 605-88 Chemical reagent - General method for the measurement of colour (in Hazen units) (eqv ISO 6353-1:1982 GM36)

GB/T 6678-86 General principles for sampling chemical products

GB/T 6679-86 General rules for sampling of solid chemical products

GB/T 6682-92 Water for laboratory use - Specifications

3 Method summary

HEAT the sample to 250 °C and the colour of the sample is obtained by visually comparing the sample with the platinum-cobalt standard solution in the molten state.

4 Reagents and solutions

Platinum-cobalt standard solution: platinum-cobalt standard solution with 10 ~ 70 platinum-cobalt colour, prepared according to the specifications of GB/T 605.

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