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Certificate of Analysis

Product 16994 - Thiourea Superior extrapure AR, 99% -
[62-56-6]
Batch No 3897962
Analysis Date 17-Oct-2023
Date of Manufacture October 2023
Expiry Date/Re-Test Date October 2028
Molecular Formula CH4N2S
Molecular Weight 76.12

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (Iodometric)	min. 99%	99.7%
Melting Point	174 - 177°C	176.3°C
Loss on drying	max. 0.5%	0.1%
Sulphated Ash	max. 0.05%	0.02%
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO4)	max. 0.005%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Sensitivity for Bismuth (Bi)	Passes test	Passes

FRM/82/11/4/16994 Rev No. 3 Date 22/12/2022

Prepared by Mayur

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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