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Certificate of Analysis

Product	75241 - 2-Thiobarbituric Acid (TBA) extrapure AR, 99% - [504-17-6]
Batch No	9067652
Analysis Date	11-Feb-2024
Date of Manufacture	February 2024
Expiry Date/Re-Test Date	February 2029
Molecular Formula	C ₄ H ₄ N ₂ O ₂ S
Molecular Weight	144.15

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white to cream to pale yellow	Pale yellow
Appearance (Form)	Powder	Powder
Solubility (Turbidity) 5% solution in 1N NaOH	Clear to slight hazy	Clear
Solubility (Colour) 5% solution in 1N NaOH	Almost colourless to pale yellow	Almost colourless
Assay (T) (on dry basis)	min. 99.0%	99.8%
Water (KF)	max. 1.0%	0.15%

FRM/82/11/4/75241 Rev No. 1 Date 09/02/2023

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

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

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