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Certificate of Analysis

Product	40088 - EDTA Disodium Salt Dihydrate extrapure AR, 99.5% - [6381-92-6]
Batch No	1070248
Analysis Date	26-Feb-2025
Date of Manufacture	February 2025
Expiry Date/Re-Test Date	February 2030
Molecular Formula	C ₁₀ H ₁₄ N ₂ O ₈ Na ₂ ·2H ₂ O
Molecular Weight	372.24

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 5% aq. solution	Clear	Clear
Solubility (Colour) 5% aq. solution	Colourless	Colourless
Assay (Complexometric)	min. 99.5%	99.9%
pH (5% aq. solution)	4.3 - 4.7	4.39
Loss on drying	8.7 - 11.4%	9.7%
Chloride (Cl)	max. 0.004%	Passes
Sulphate (SO ₄)	max. 0.02%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Copper (Cu)	max. 0.0001%	Passes
Potassium (K)	max. 0.002%	Passes
Nitrilotriacetic acid (C ₆ H ₆ O ₆ N)	max. 0.025%	0.020%

FRM/82/11/4/40088 Rev No. 3 Date 17/11/2023

Prepared by Komal

In compliance with the standard specifications of SRL

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

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