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Certificate of Analysis

Product **50027 - EDTA Disodium Salt Dihydrate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.5% - [6381-92-6]**

Batch No **3143608**

Analysis Date 02-Jul-2024

Date of Manufacture July 2024

Expiry Date/Re-Test Date July 2029

Molecular Formula C₁₀H₁₄N₂O₈Na₂·2H₂O

Molecular Weight 372.24

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP	Passes
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%	99.7%
Loss on drying	8.7 - 11.4%	9.6%
pH (5% aq. solution)	4.3 - 4.7	4.58
Insoluble matter	max. 0.005%	0.002%
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
Nitritotriacetic acid (C ₆ H ₆ O ₆ N)	max. 0.025%	0.003%

FRM/82/11/4/50027 Rev No. 3 Date 17/11/2023

Prepared by Priti

In compliance with the standard specifications of SRL

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

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