



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

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Certificate of Analysis

Product

35108 - EDTA Disodium Salt Dihydrate for tissue culture, 99.5% - [6381-92-6]

Batch No

7874169

Analysis Date

29-Apr-2024

Date of Manufacture

April 2024

Expiry Date/Re-Test Date

April 2029

Molecular Formula

C₁₀H₁₄N₂O₈Na₂·2H₂O

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%	99.8%
pH (5% aq. solution)	4.3 - 4.7	4.4
Loss on drying	8.7 - 11.4%	9.5%
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%	0.0051%
Suitability for Tissue Culture	Passes	Passes

FRM/82/11/4/35108 Rev No. 3 Date 17/11/2023

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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1/1

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