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Certificate of Analysis

Product	21522 - Sodium Citrate Dibasic Sesquihydrate extrapure, 99% - [6132-05-4]
Batch No	2166713
Analysis Date	20-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	C ₆ H ₆ Na ₂ O ₇ ·1½H ₂ O
Molecular Weight	263.11

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder /Crystals	Crystalline powder
Solubility (Turbidity) 5% aq. solution	Clear	Clear
Solubility (Colour) 5% aq. solution	Colourless	Colourless
pH (5% aq. solution)	4.60 - 5.20	5.08
Assay (by Neutralization)	min. 99.0%	99.4%
Water (KF)	10.0 - 13.0 %	10.5%
Chloride (Cl)	max.0.005%	Passes
Sulphate (SO ₄)	max.0.005%	Passes
Iron (Fe)	max.0.005%	Passes
Heavy Metals (Pb)	max.0.005%	Passes

FRM/82/11/4/21522 Rev No. 2 Date 09/06/2024

Prepared by Komal

In compliance with the standard specifications of SRL

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

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