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# Certificate of Analysis

**Product** **94968 - Sodium Citrate Tribasic Dihydrate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99% - [6132-04-3]**

**Batch No** **3872321**

**Analysis Date** 13-Apr-2024

**Date of Manufacture** April 2024

**Expiry Date/Re-Test Date** April 2029

**Molecular Formula** C<sub>6</sub>H<sub>5</sub>Na<sub>3</sub>O<sub>7</sub>·2H<sub>2</sub>O

**Molecular Weight** 294.10

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP, Ph.Eur	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (NT)	min. 99%	99.2%
pH (5% aq. solution)	7.0 - 9.0	8.6
Water (KF)	11.0 - 13.0%	11.4%
Insoluble matter	max. 0.005%	0.002%
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO <sub>4</sub> )	max 0.005%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Nitrogen compounds	max. 0.001%	Passes
Readily carbonisable substances	Passes test	Passes
Calcium (Ca)	max. 0.005%	Passes
Ammonia (NH <sub>3</sub> )	max. 0.003%	Passes

FRM/82/11/4/94968 Rev No. 3 Date 20/06/2022

Prepared by **Mayur**

In compliance with the standard specifications of SRL

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

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