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## Certificate of Analysis

**Product** **85919 - Sodium Citrate Tribasic Dihydrate extrapure AR, 99% - [6132-04-3]**  
**Batch No** **1816622**  
**Analysis Date** 08-Aug-2024  
**Date of Manufacture** August 2024  
**Expiry Date/Re-Test Date** August 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
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%	99.4%
pH (5% aq. solution)	7.5 - 9.0	8.25
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
Phosphate (PO <sub>4</sub> )	max. 0.001%	Passes
Nitrogen compounds	max. 0.001%	Passes
Readily carbonisable substances	Passes test	Passes
Water (KF)	11.0 - 13.0%	11.8%

FRM/82/11/4/85919 Rev No. 2 Date 20/06/2022

Prepared by Vivek

In compliance with the standard specifications of SRL

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

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