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# Certificate of Analysis

**Product** **36984 - Sodium Oxalate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.9% - [62-76-0]**

**Batch No** **9253221**

**Analysis Date** 01-Jan-2024

**Date of Manufacture** January 2024

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

**Molecular Formula** C2O4Na2

**Molecular Weight** 134.00

| 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) 4% hot aq. solution | Clear                                     | Clear              |
| Solubility (Colour) 4% hot aq. solution    | Colourless                                | Colourless         |
| Assay (Redox Titration)                    | min. 99.9%                                | 99.9%              |
| Insoluble matter                           | max. 0.005%                               | 0.001%             |
| pH (3% aq. solution)                       | 7.5 - 8.5                                 | 7.5                |
| Neutrality                                 | Passes test                               | Passes             |
| Loss on drying                             | max. 0.01%                                | 0.01%              |
| Chloride (Cl)                              | max. 0.002%                               | Passes             |
| Sulphate (SO4)                             | max. 0.002%                               | Passes             |
| Iron (Fe)                                  | max. 0.001%                               | Passes             |
| Heavy Metals (Pb)                          | max. 0.0005%                              | Passes             |
| Copper (Cu)                                | max. 0.0005%                              | Passes             |
| Nitrogen Compounds (N)                     | max. 0.001%                               | Passes             |
| Ammonium (NH4)                             | max 0.002%                                | Passes             |
| Potassium (K)                              | max. 0.005%                               | Passes             |
| Substances darkened by hot Sulfuric acid   | Passes test                               | Passes             |

FRM/82/11/4/36984 Rev No. 2 Date 06/07/2022

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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

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