

## Certificate of Analysis

Date of Testing: 2022-03-26 18:38:14

Date of Next Testing: 2026-03-25 18:38:14

Product Name: **Oxalic acid dihydrate**

CAS Number: 6153-56-6

Specifications & Purity: ACS, ≥99%

Lot #: C2224289

SKU # **O111916**

Analysis: **085951**

| Parameter                     | Limit Values                                  | Result                                        |
|-------------------------------|-----------------------------------------------|-----------------------------------------------|
| Insoluble matter(C=8%, H2O)   | 0-0.005 (%)                                   | 0.00 %                                        |
| Chloride (Cl-)                | 0-0.002 (%)                                   | 0.00 %                                        |
| Iron(Fe)                      | 0-2 (ppm)                                     | 1.10 ppm                                      |
| Heavy metal (as Pb)           | 0-5 (ppm)                                     | 0.07 ppm                                      |
| Assay(Titration by KMNO4)     | 99.5-103 (%)                                  | 99.81 %                                       |
| Nitrogen compounds(as N)      | 0-0.001 (%)                                   | 0.00 %                                        |
| Calcium(Ca)                   | 0-0.001 (%)                                   | 0.00 %                                        |
| Sulfate(SO42-)                | 0-0.005 (%)                                   | 0.00 %                                        |
| Ignition Residue (as sulfate) | 0-0.01 (%)                                    | 0.00 %                                        |
| Appearance (O111916)          | White Powder, Crystals, Granules and/or Lumps | White Powder, Crystals, Granules and/or Lumps |
| Infrared spectrum             | Conforms to Structure                         | Conforms to Structure                         |



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QA & QC Manager