

## Certificate of Analysis

Date of Testing: 2023-06-30 15:39:51  
 Date of Next Testing: 2027-06-29 15:39:51  
 Product Name: **Oxalic acid dihydrate**  
 CAS Number: 6153-56-6  
 Specifications & Purity: Guaranteed Reagent,99.8%  
 Lot #: F2327876  
 SKU #: **O111912**  
**Analysis: 214838**

| Parameter   | Limit Values          | Result                |
|---|-----------------------|-----------------------|
| Chloride (Cl-)  | 0-0.002 (%)           | 0.00 %                |
| Ignition Residue(Ash)   | 0-0.01 (%)            | 0.00 %                |
| Insoluble matter(C=8%, H2O)                                       | 0-0.005 (%)           | 0.00 %                |
| Sulfate(SO42-)  | 0-0.005 (%)           | 0.00 %                |
| Iron(Fe)  | 0-2 (ppm)             | 0.00 ppm              |
| Heavy metal (as Pb)   | 0-5 (ppm)             | 0.00 ppm              |
| Calcium(Ca)   | 0-0.001 (%)           | 0.00 %                |
| Nitrogen compounds(as N)  | 0-0.001 (%)           | 0.00000 %             |
| Purity (Titration by NaOH)  | 99.8-100 (%)          | 99.85 %               |
| Appearance (O111912)  | white powder or solid | white powder or solid |
| Solubility in H2O , clear , colorless , 100 mg plus 1 ml of water | pass                  | Pass                  |
| Substances Darkened (by H2SO4)                                    | Pass                  | Pass                  |
| Infrared spectrum   | Conforms to Structure | Conforms to Structure |



John Su  
 QA & QC Manager