

## Certificate of Analysis

Date of Testing: 2023-02-04 08:44:07  
 Date of Next Testing: 2027-02-03 08:44:07  
 Product Name: **Oxalic acid dihydrate**  
 CAS Number: 6153-56-6  
 Specifications & Purity: Guaranteed Reagent, 99.8%  
 Lot #: A23311048  
 SKU #: **O111912**  
 Analysis: **170142**

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
Calcium(Ca)	0-0.001 (%)	0.00 %
Nitrogen compounds(as N)	0-0.001 (%)	0.00020 %
Purity (Titration by NaOH)	99.8-100 (%)	99.81 %
Heavy metal (as Pb)	0-5 (ppm)	3.02 ppm
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