

# CERTIFICATE OF ANALYSIS

Product Description OXALIC ACID DIHYDRATE  
Product Number O6527  
Lot Number HXX6527001  
Storage Temperature Room Temperature  
Molecular Weight 126.07 g/mol  
Formula  $C_2H_2O_4 \cdot 2H_2O$   
CAS Number 6153-56-6

## Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Physical Appearance		
Color*	White or Colorless	Colorless
Texture	Crystalline powder	Crystals
Darkened with sulfuric acid	To pass test	Passes
Insolubles	<0.005%	0.003%
Residue after ignition	<0.01%	0.0061%
Heavy metals (ICP-OES)	<5 ppm	<5 ppm
Chloride (Cl)	<0.002%	<0.002%
Sulfate (SO <sub>4</sub> )	<0.005%	<0.005%
Calcium (Ca)	<0.001%	0.0005%
Iron (Fe)	<2 ppm	<2 ppm
Nitrogen compounds (as N)	<0.001%	<0.001%
FTIR	Conforms to Structure	Passes
Purity	99.5 – 102.5%	100.12%

\* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

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Date of Release: 25-July-2022

Recommended Shelf-Life Date: July 2025



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