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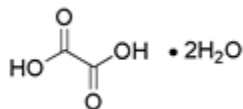
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number 01241

Product **Oxalic acid dihydrate**

Ethanedioic acid dihydrate

CAS Number 6153-56-6

Molecular Formula $\text{C}_2\text{H}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$

Molecular Weight 126.07

Appearance White crystals

Solubility 14 g in 100 mL water at 20 °C

Melting Point 101 °C (Approx.)

Density 1.65

Heavy Metals ≤ 5 ppm (as Pb)

Anion Chloride (Cl^-): $\leq 0.002\%$
Sulfate (SO_4^{2-}): $\leq 0.005\%$

Cation Calcium (Ca): $\leq 0.001\%$
Nitrogen (N): $\leq 0.001\%$
Iron (Fe): ≤ 2 ppm

pKa 1.3

Insoluble material $\leq 0.005\%$

Assay by titration 99.5-102.5%

Grade ACS reagent

Application Used as reducing agent; precipitant for certain metals.

Storage Store at RT

Additional Information Substances darkened by hot sulfuric acid: To pass test
Residue after ignition: $\leq 0.01\%$

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For Laboratory Use Only