

## Oxalic acid dihydrate, Hi-AR™/ACS

**GRM3928**


### Product Identifier

CAS No.	:	6153-56-6
EC No.	:	205-634-3
Molecular Formula	:	C <sub>2</sub> H <sub>2</sub> O <sub>4</sub> .2H <sub>2</sub> O
Molecular Weight	:	126.07
HS Code	:	2917 11 90
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	Colourless or white crystals or powder or solid
Solubility	:	100 mg soluble in 1 mL of water
FTIR	:	Matches with the standard pattern
Melting range	:	98 - 106°C
Substances darkened by hot sulfuric acid	:	Passes test
Calcium (Ca)	:	<= 0.001%
Chloride (Cl)	:	<= 0.002%
Iron (Fe)	:	<= 0.0002%
Heavy metals (as Pb)	:	<= 0.0005%
Nitrogen compounds (as N)	:	<= 0.001%
Sulfate (SO <sub>4</sub> )	:	<= 0.005%
Water insoluble matter	:	<= 0.005%
Residue after ignition	:	<= 0.01%
Assay (NaOH/KMnO <sub>4</sub> Titration)	:	99.50 - 103.00%

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H302+H312- H314
Precautionary Statement(s)	:	P280- P305+P351+P338- P310
UN No.	:	3261
Class	:	8
Packing Group	:	III
RTECS	:	Not available
WGK	:	1