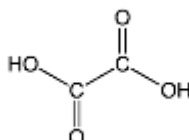


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

OXALIC ACID DIHYDRATE 99,5 % AR

Ethanedioic Acid, dihydrate



Product Code	O-5129	Grade	Analytical Reagent
Purity	99,5 %	CAS No	6153-56-6
Molecular Formula	C ₂ H ₂ O ₄ .2 H ₂ O	Molecular Weight	126.07 g/mol
H.S.Code	2917.1100	Shelf Life	60 Months

Physical Properties

Physical state	Solid	Melting point	104 - 106 °C
Colour	White	Solubility in water	100 g/l at 25 °C
Boiling point	149 - 160 °C at 1.013 hPa	Vapour pressure	0,000312 hPa at 25 °C
pH value	1,5 at 10 g/l	Relative density	1,65 g/cm ³ at 20 °C
Solubility in water	100 g/l at 25 °C	Partition coefficient: octanol/water	log Pow: -1,7 at 23 °C

Packaging

500 gram

Specification

Appearance	Colorless or white crystalline powder
Assay(manganometric)	min 99.5 %
Reaction against H ₂ SO ₄	Passes test
Insoluble matter	max 0.005 %
Chloride (Cl)	max 0.0005 %
Sulphate (SO ₄)	max 0.005 %
Heavy metals (as Pb)	max 0.0005 %
Iron (Fe)	max 0.0002 %
Total Nitrogen (N)	max 0.001 %
Calcium (Ca)	max 0.001 %
Residu on ignition (800 °C)	max 0.01 %

Safety Information and Hazard Symbols



Symbol: GHS05, GHS07

Signal Word: Danger

UN No.: 3261

IMCO Class No.: 8

Packing Group: III

Hazardous Statement: H302+H312-H318

Precaution Statement: P264-P270-P280-P301+P312-P302+P352+P312-P305+P351+P338