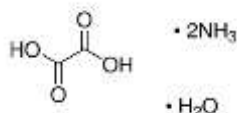


TIQ-F-QC-003

Rev.00

Technical Data Sheet**AMMONIUM OXALATE MONOHYDRATE 99 % AR**

Oxalic Aciddiammonium Salt



Product Code	O-5028	Grade	Analytical Reagent
Purity	99%	CAS No	6009-70-7
Molecular Formula	(COONH ₄) ₂ · H ₂ O	Molecular Weight	142.11 g/mol
H.S.Code	2917.1190	Shelf Life	60 Months

Physical Properties

Physical state	Crystalline	Melting point	133°C
Colour	White	pH	6,0 - 7,0 at 14,2 g/l at 25 °C
Odour	Odorless	Vapour Pressure	< 0,1 hPa at 20 °C
Solubility in water	41,8 g/l at 20 °C	Relative density	1,50 g/cm ³ at 20,1 °C
Partition coefficient: octanol/water	log Pow: < -4,8 at 20 °C		

Packaging

500 gram

Specification

Appearance	White crystalline powder
Assay (manganometric)	99.0 – 101.0 %
pH (2.5 % Solution)	6.0 - 7.0
Insoluble Matter in water	max 0.005 %
Chloride (Cl)	max 0.002 %
Sulphate (SO ₄)	max 0.002 %
Iron (Fe)	max 0.0002 %
Heavy metals (as Pb)	max 0.0005 %
Residu on ignition (as SO ₄)	max 0.02 %

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: warning

UN No.: not applicable

IMCO Class No.:not applicable

Packing Group: not applicable

Hazardous Statement: H302-H312+H319

Precaution Statement: P264-P270-P280-P301+P312-P302+P352+P312I-P305+P351+P338