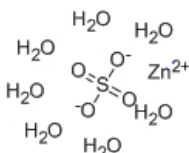


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

ZINC SULPHATE HEPTAHYDRATE 99,5% AR

Sulfuric acid, Zinc Salt (1:1) Heptahydrate, White Vitriol, Heptahydrate,
Zinc Vitriol



Product Code	O-5233	Grade	Analytical Reagent
Purity	99,5%	CAS No	7446-20-0
Molecular Formula	ZnSO ₄ .7H ₂ O	Molecular Weight	287.56 g/mol
H.S.Code	2833.2690	Shelf Life	60 Months

Physical Properties

Physical state	Powder, Crystalline	Colour	White
Melting point	100 °C	Relative density	1,97 g/cm ³

Packaging

100 gram

Specification

Appearance	white crystalline powder
Assay (complexometric)	min 99.5 %
pH-value (5%,water)	4.4 – 6.0
Insoluble matter (10% in water)	max 0.01 %
Chloride (Cl)	max 0.0005 %
Calcium (Ca)	max 0.005 %
Iron (Fe)	max 0.001 %
Potassium (K)	max 0.01 %
Magnesium (Mg)	max 0.005 %
Sodium (Na)	max 0.05 %
Ammonium (NH ₄)	max 0.001 %
Nitrate (NO ₃)	max 0.002 %
Manganese (Mn)	max 0.0003 %
Lead (Pb)	max 0.003 %

Safety Information and Hazard Symbols



Symbol: GHS05, GHS07, GHS09

Signal Word: Danger

UN No.: 3077

IMCO Class No.: 9

Packing Group: III

Hazardous Statement: H302-H318-H410

Precaution Statement: P264-P270-P273-P280-P301+P312-P305+P351+P338