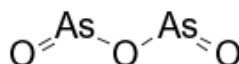


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

ARSENIC TRIOXIDE 99 % AR

Arsenic(III) oxide



Product Code	O-5037	Grade	Analytical Reagent
Purity	99%	CAS No	1327-53-3
Molecular Formula	As ₂ O ₃	Molecular Weight	197.84 g/mol
H.S.Code	2811.2990	Shelf Life	60 Months

Physical Properties

Physical state	Powder	Melting point	313°C
Colour	White, light grey	Relative density	3.738 g/cm ³
Boiling point	460 °C at 1.013 hPa	Partition coefficient: noctanol/water	log Pow: 5
Water solubility	17.8 g/l at 20 °C	Vapour pressure	0.000001 mmHg at 66 °C

Packaging

500 gram

Specification

Appearance	Almost white to off-white powder
Assay (iodometric)	min 99.0 %
Insoluble matter in NH ₄ OH	max 0.01 %
Residu on ignition	max 0.05 %
Chloride (Cl)	max 0.005 %
Sulphide (S)	max 0.001 %
Antimony (Sb)	max 0.05 %
Iron (Fe)	max 0.001 %
Lead (Pb)	max 0.002 %

Safety Information and Hazard Symbols



Symbol: GHS05, GHS06, GHS08, GHS09

Signal Word: Danger

UN No.: 1561

IMCO Class No.: 6,1

Packing Group: II

Hazardous Statement: H300-H314-H350-H3410

Precaution Statement: P260-P280-P303+P361+P353-P304+P340+P310-P305+P351+P338

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