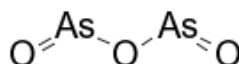


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

ARSENIC TRIOXIDE PRACTICAL GRADE

Arsenic(III) oxide



Product Code	O-5276	Grade	Practical
Purity	95%	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	Dull white to grayish powder
Assay (iodometric)	min 95.0 %
Solubility (4% in a warm mixture of dilution HCl & Water)	Almost clear to hacy solution
Substance insoluble in HCl	max 0.5 %
Non-volatile matter	max 1.0 %
Iron (Fe)	max 0.05 %
Appearance	Dull white to grayish powder
Assay (iodometric)	min 95.0 %
Solubility (4% in a warm mixture of dilution HCl & Water)	Almost clear to hacy solution

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

Labotiq