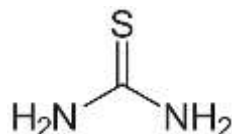


TIQ-F-QC-003

Rev.00

Technical Data Sheet**THIOUREA AR**

Sulfoarea, Thiocarbamide



Product Code	O-5219	Grade	Analytical Reagent
Purity	99%	CAS No	62-56-6
Molecular Formula	CH ₄ N ₂ S	Molecular Weight	76.12 g/mol
H.S.Code	2930.9010	Shelf Life	60 Months

Physical Properties

Physical state	Crystalline	Colour	white
odour	Odourless	pH value	5,0 - 7 at 50 g/l at 20 °C
Melting point	170 - 176 °C	Solubility in water	137 g/l at 20 °C
Relative density	1,405 g/cm ³ at 20 °C	Partition coefficient: noctanol/water	log Pow: -0,919 at 20 °C

Packaging

100 gram

Specification

Appearance	a white crystalline powder
Assay	min 99 %
Melting Point	174-178°C
Insoluble matter in water	max 0.005 %
Sulphate ash	max 0.05 %
Sulphate (SO ₄)	max 0.01 %
Iron (Fe)	max 0.0005 %
Loss on drying (at 105°C)	max 0.5 %
Sensitivity for Bismuth	passes test

Safety Information and Hazard Symbols



Symbol: GHS07, GHS08, GHS09

Signal Word: danger

UN No.: 3077

IMCO Class No.: 9

Packing Group: III

Hazardous Statement: H302-H351-H361d-H411

Precaution Statement: P201-P273-P301+P312+P330-P308+P313