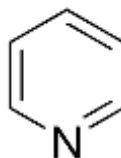


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

PYRIDINE 99,5 % AR

Azabenzene, Azine



Product Code	B-3067	Grade	Analytical Reagent
Purity	99,5 %	CAS No	110-86-1
Molecular Formula	C ₅ H ₅ N	Molecular Weight	79.10 g/mol
H.S.Code	2933.3100	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colourless
Odour	pungent	Melting Point/ Freezing point (°C)	-42 °C
pH value	8,81 at 20°C	Vapour pressure (°C)	26,7 hPa at 25 °C
Boiling Point	115 °C	Partitioncoefficient Log Pow noctanol / wter at 20°C	0,64
Viscosity	0,88 mPa at 25°C	Density (g/ml)	0.978 at 25°C
Flash point	20°C	Explosion limits – upper (%)	12,4 %
Vapour Density	2.73	Explosion limits-lower (%)	1.8 %
Solubility in water (% weight)	1 g/l at 20 °C	Evaporation rate	12,7
Auto-ignition temperature (°C)	900°C at 1.013 hPa		

Packaging

250 ml & 500 ml

Specification

Appearance	A clear colorless liquid with characteristic odor
Assay (GC)	min 99.5 %
Wt.per ml at 20 °C	0.982 – 0.983 g/cm ³
Refractive Index (n _D ²⁰)	1.509 – 1.510
Non-volatile matter	max 0.002 %
Insoluble matter in water	passes test

Water (H ₂ O)	max 0.1 %
Chloride (Cl)	max 0.0005 %
Sulfate (SO ₄)	max 0.0005 %
Ammonia (NH ₃)	max 0.002 %
Copper (Cu)	max 0.0002 %
Iron (Fe)	max 0.0002 %
Lead (Pb)	max 0.0001 %
Substances reducing KMnO ₄ (as O)	passes test

Safety Information and Hazard Symbols



Symbol: GHS02, GHS07

Signal Word: Danger

UN No.: 1282

IMCO Class No.: 3

Packing Group: II

Hazardous Statement: H225-H302+H312+H332-H315-H319

Precaution Statement: P210-P280-P305+P351+P338