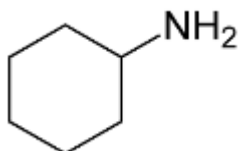


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

CYCLOHEXYLAMINE 99 % FOR SYNTHESIS

Aminocyclohexane, Cyclohexanamine



Product Code	B-3023	Grade	For Synthesis
Purity	99%	CAS No	108-91-8
Molecular Formula	C ₆ H ₁₃ N	Molecular Weight	99,18 g/mol
H.S.Code	2921.3010	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Colourless
Odour	Amine-like	Melting Point/ Freezing point (°C)	-17°C
Boiling Point	134°C	Auto-ignition temperature	293°C
pH value	11,5 at 100 g/l at 20°C	Density (g/cm ³)	0,867 g/cm ³ at 25 °C
Flash point	28°C	Vapour pressure (20 °C)	14,3 hPa at 20 °C
Solubility in water (% weight)	Completely miscible	Partition coefficient Log Pow octanol / water at 25°C	3,7
Explosion limits – upper (%)	9,4	Explosion limits-lower (%)	1,6

Packaging

500 ml

Specification

Appearance	A Clear colourless to Light yellow liquid
Assay (GC,area %)	min 99.0 %
Wt. Per ml at 20 °C	0.866 – 0.868 g/cm ³
Identity (IR)	Passes test
Water (H ₂ O)	max 0.3 %
Refractive Index (n _D ²⁰)	About 1.450

Safety Information and Hazard Symbols



Symbol: GHS02, GHS05, GHS06, GHS08

Signal Word: Danger

UN No.: 2357

IMCO Class No.: 8.3

Packing Group: II

Hazardous Statement: H226-H301+H311-H314-H361f

Precaution Statement: P201-P210-P280-P301+P310+P330-P303+P361+P353-P305+P351+P338