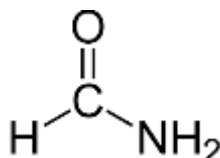


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

FORMAMIDE 99,5 % AR

Formic acid amide, Methane amide, Amide C1, Formic amide



Product Code	B-3038	Grade	Analytical Reagent
Purity	99,5%	CAS No	75-12-7
Molecular Formula	CH ₃ NO	Molecular Weight	45.05 g/mol
H.S.Code	2924.1900	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless
Odour	Ammonia odor	Melting Point/ Freezing point (°C)	2°C
Density (g/cm ³)	1.13 g/cm ³	Flash point (°C)	154°C
pH value	4-10	Vapour pressure (20 °C)	0,08 hPa at 20 °C
Boiling point (°C)	210°C at 1.000 hPa	Explosion limits – upper (%)	19%
Vapour Density	1,56	Explosion limits – lower(%)	2,7%
Solubility in water (% weight)	Completely soluble	Decomposition temperature	>180°C
Partition coefficient Log Pow octanol / water at 25°C	-0.82		

Packaging

500 ml

Specification

Appearance	A clear colorless liquid
Assay (GC)	min 99.5 %
Identity (IR)	Passes test
Colour	max 10 Hazen
Wt. per ml at 20°C	1.132 – 1.135 g/cm ³
Water (H ₂ O)	max 0.5 %
Solidification point	2 - 3 °C
Chloride (Cl)	max 0.0001
Heavy metals (as Pb)	max 0.0001

Iron (Fe)

max 0.0001

Sulphated ash

max 0.005

Safety Information and Hazard Symbols



Symbol: GHS08

Signal Word: Danger

UN No.: no available

IMCO Class No.: no available

Packing Group: no available

Hazardous Statement: H351-H360D-H373

Precaution Statement: P201-P260-P280- P308+P313