

TIQ-F-QC-003

Rev.00

Technical Data Sheet**BROMINE 99% FOR SYNTHESIS**

Bromine



Product Code	B-3017	Grade	For Synthesis
Purity	99%	CAS No	7726-95-6
Molecular Formula	Br ₂	Molecular Weight	159.82 g/mol
H.S.Code	2801.3020	Shelf Life	60 Months

Physical Properties

Physical state	Liquid	Colour	Brown
Melting Point	-7,2 °C	Odor	Suffocating
Density	3,119 g/cm ³ at 25 °C	Boiling point	58,8 °C
Solubility in water	36,5 g/l at 20 °C	Vapour pressure	233 hPa at 20 °C

Packaging

500 ml

Specification

Appearance	A heavy brownish red, fuming liquid
Assay (Iodometric)	min 99.0 %
Identification	passes test
Wt.per ml at 20 °C	about 3.10 g/cm ³

Safety Information and Hazard Symbols

Symbol: GHS05, GHS06, GHS09

Signal Word: Danger

UN No.: 1744

IMCO Class No.: 8, 6.1

Packing Group: I

Hazardous Statement: H314-H330-H400

Precaution Statement: P260-P273-P280-P303+P361+P353-P304+P340+P310-P305+P351+P338

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