

TIQ-F-QC-003
Rev.00**Technical Data Sheet****IODINE CHLORIDE LR FOR SYNTHESIS**

Iodine Monochloride, Chlorine Iodide



Product Code	B-3115	Grade	Laboratory Reagent
Purity	98 %	CAS No	7790-99-0
Molecular Formula	ICl	Molecular Weight	162.36 g/mol
H.S.Code	2814.2000	Shelf Life	60 Months

Physical Properties

Physical state	Solid to liquid	Colour	Dark brown
Melting point	14 - 27 °C	Decomposition temperature	97 °C
Boiling point	97 °C at 1.013 hPa	Solubility in water	at 20 °C (decomposition)
Density	3,1 g/cm ³ at 29 °C		

Packaging

250 ml

Specification

Appearance	A dark reddish brown oily liquid
Solubility	Soluble in alcohol water (with decomposition)
Assay (Iodometric)	min 98.0 %
Wt.per ml at 20 °C	~ 3.2 g
Non-volatile matter	max 0.2 %

Safety Information and Hazard Symbols

Symbol: GHS05, GHS07

Signal Word: danger

UN No.: 3498

IMCO Class No.: 8

Packing Group: II

Hazardous Statement: H314-H335

Precaution Statement: P261-P271-P280-P301+P330+P331-P303+P361+P353-P305+P351+P338

Labotiq