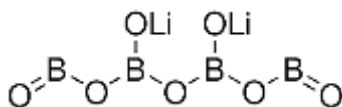


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

DI-LITHIUM TETRABORATE 99% AR

Boron lithium oxide



Product Code	O-5077	Grade	Analytical Reagent
Purity	99 %	CAS No	12007-60-2
Molecular Formula	Li ₂ B ₄ O ₇	Molecular Weight	169,12 g/mol
H.S.Code	2840.2090	Shelf Life	60 Months

Physical Properties

Physical state	Solid	Melting point	917 °C
Colour	White		

Packaging

500 gram

Specification

Appearance	White crystalline powder
Assay (acidimetry)	min 99.0 %
Chloride (Cl)	max 0.005 %
Sulphate (SO ₄)	max 0.005 %
Phosphate (PO ₄)	max 0.002 %
Calcium (Ca)	max 0.005 %
Iron (Fe)	max 0.001 %
Heavy metal (as Pb)	max 0.005 %
Magnesium (Mg)	max 0.001 %
Potassium (K)	max 0.005 %
Sodium (Na)	max 0.005 %
Solubility	Dissolve 5 g sample with heating in a water, neutralise with Nitric acid and dilute to 100 ml with water give clear and almost colourless solution

Safety Information and Hazard Symbols



Symbol: GHS05, GHS07, GHS08

Signal Word: Danger

UN No.: not available

IMCO Class No.: not available

Packing Group: not available

Hazardous Statement: H318-H361fd

Precaution Statement: P202-P280-P305+P351+P338-P308+P313

Labotiq