

4087 – DI- LITHIUM TETRA BORATEAR GRADE

REF NO: TBL/QA/SS/LC/4087	STANDARD SPECIFICATION FOR DI- LITHIUM TETRA BORATEAR GRADE	Rev. No: 03
Issue No: 04		Review Date: 26/10/2024
Issue Date: 27/10/2021		Product code: 4087

PRODUCT PROPERTIES

C.A.S Number	12007-60-2
Chemical Formula	B ₄ Li ₂ O ₇
Formula weight	169.12
Functional Uses	NA
Standard Packaging	100 gm. & 500 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	A white crystalline powder.
Solubility	Dissolve 5gm sample with heating in a water, neutralise with Nitric acid and dilute to 100 ml with water gives clear and almost colourless solution.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.005%
Sulphate (SO ₄)	NMT – 0.005%
Phosphate (PO ₄)	NMT – 0.002%
Calcium (Ca)	NMT – 0.005%
Iron (Fe)	NMT – 0.001%
Magnesium (Mg)	NMT – 0.001%
Heavy Metal (Pb)	NMT – 0.005%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

