

TMB 096 – LITHIUM CHLORIDE, (ANH.)

REF NO: TBL/QA/SS/LC/ 096	STANDARD SPECIFICATION FOR LITHIUM CHLORIDE, (ANH.)	Rev. No: 03
Issue No: 04		Review Date: 19/10/2025
Issue Date: 20/10/2022		Product code: TMB 096

PRODUCT PROPERTIES

C.A.S Number	7447-41-8
Chemical Formula	LiCl
Formula weight	42.39
Functional Uses	It serves as an additive in the Stille reaction in organic synthesis and to precipitate RNA from cellular extracts. Being biologically significant, it is used in a wide variety of assays to study cell-fate and neurobiology.
Standard Packaging	100 gm, 500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.
Solubility	100 mg soluble in 1 mL of water

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying (at 110°C, 2 hr)	NMT – 2.0%
Iron (Fe)	NMT – 0.0005%
Lead (Pb)	NMT – 0.0005%
DNase	None detected.
RNase	None detected.
Assay	NLT – 99.0%

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

