

PRODUCT IDENTITY

PRODUCT NAME	Lithium chloride monohydrate	PRODUCT NUMBER	L105188
Grades & Purity	AR, ≥97%	VERSION	3
CAS NUMBER	85144-11-2	FORMULA	LiCl·H ₂ O
FORMULA WEIGHT	60.41g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Potassium(K)	0-0.03 (%)
Magnesium(Mg)	0-0.002 (%)
Ammonia (NH ₄)	0-0.002 (%)
(NO ₃)Nitrate	0-0.002 (%)
Sulfate(SO ₄ ²⁻)	0-0.01 (%)
Heavy metal (as Pb)	0-0.001 (%)
Barium(Ba)	0-0.005 (%)
Phosphate(PO ₄)	0-0.01 (%)
Calcium(Ca)	0-0.005 (%)
Sodium(Na)	0-0.03 (%)

PARAMETER	SPECIFICATION / LIMIT
Purity(Titration by AgNO3)	96.5-102.5 (%)
Insoluble matter in H2O	0-0.005 (%)
Iron(Fe)	0-0.001 (%)
Appearance (L105188)	White Powder or Crystals
ICP: Confirms Lithium Component	Confirmed
X-Ray Diffraction	Conforms to Structure