

PRODUCT IDENTITY

PRODUCT NAME	Lithium hydroxide monohydrate	PRODUCT NUMBER	L431777
Grades & Purity	puriss. p.a., ≥99%(T)	VERSION	3
CAS NUMBER	1310-66-3	FORMULA	LiOH·H ₂ O
FORMULA WEIGHT	41.96g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(L431777)	Colorless or White Powder or Crystals
Purity(Titration by HCl)	98.5-101.5 (%)
Content of Carbonate(T)(Li ₂ CO ₃)	0-1 (%)
Silver(Ag)	0-5 (ppm)
Aluminium(Al)	0-20 (ppm)
Barium(Ba)	0-5 (ppm)
Bismuth(Bi)	0-5 (ppm)
Calcium(Ca)	0-50 (ppm)
Cadmium(Cd)	0-5 (ppm)
Cobalt (Co)	0-5 (ppm)

PARAMETER	SPECIFICATION / LIMIT
Chromium(Cr)	0-5 (ppm)
Copper(Cu)	0-5 (ppm)
Iron(Fe)	0-5 (ppm)
Potassium(K)	0-200 (ppm)
Magnesium (Mg)	0-5 (ppm)
Manganese(Mn)	0-5 (ppm)
Molybdenum(Mo)	0-5 (ppm)
Sodium(Na)	0-50 (ppm)
Nickel(Ni)	0-5 (ppm)
Lead(Pb)	0-5 (ppm)
Strontium(Sr)	0-5 (ppm)
Thallium(Tl)	0-5 (ppm)
Zinc(Zn)	0-5 (ppm)
Total sulfur as SO ₄ (ICP)	0-100 (ppm)
Chloride (Cl ⁻)	0-50 (ppm)
X-Ray Diffraction	Conforms to Structure