

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Lanthanum chloride heptahydrate,ACS

ITEM NUMBER: L118856
BRAND: Aladdin
CAS NUMBER: 10025-84-0
MDL NUMBER: MFCD00149756
FORMULA: $\text{Cl}_3\text{La} \cdot 7\text{H}_2\text{O}$
MOLECULAR WEIGHT: 371.37

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White Crystals and/or Chunks or Flakes		
Ca	0 ppm	10 ppm	10 ppm
ICP: Confirms Lanthanum Component	Confirmed		
Insoluble matter in water	0 %	0.01 %	0.01 %
LaCl ₃ by Complexiometric EDTA	64.5 %	70 %	70 %
Mg	0 ppm	10 ppm	10 ppm
X-Ray Diffraction	Conforms to Structure		