

TIQ-F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Lanthanum Chloride Heptahydrate AR

Catalog Number : O-5300

Batch Number : 5300-00000000

CAS Number : 10025-84-0

Molecular Weight : 371,37 g/mol

Mol. Formula : $\text{LaCl}_3 \cdot 7\text{H}_2\text{O}$

Expire Date : 60 months



No	Test	Specifications	Results
1	Appearance	White crystalline powder	White crystalline powder
2	Assay (Complexometric EDTA as LaCl_3)	64.5 - 70.0 %	66.403%
3	Assay (Complexometric EDTA as $\text{LaCl}_3 \cdot 7\text{H}_2\text{O}$)	min 99.0 %	100.083%
4	Insoluble matter	max 0.01 %	0.0037%
5	Calcium (Ca)	max 0.001 %	0.00045%
6	Magnesium (Mg)	max 0.001 %	0.00022%

Corresponds to AR/ACS Grade

LABOTIQ In-house product specification, referenced to Analar standard and ACS specification



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Manager QC