

CERTIFICATE OF ANALYSIS

PRODUCT NAME : LANTHANUM NITRATE AR

CAS No	: 10277-43-7	Product code	: 53200
Mol. Formula	: $\text{LaN}_3\text{O}_9 \cdot 6\text{H}_2\text{O}$	Batch No.	: MCR-29447
Mol. WT	: 433.02	Mfd.	: Oct. 2023
Date of analysis	: 16/10/23	Exp.	: Sept. 2028

S.R	Test	Specification	Observation
1	Description	Colourless crystals & White crystalline powder.	Colourless crystals.
2	Assay (by complexometry)	99 % min	99.16%
3	Chloride (Cl)	0.005% max	<0.005%
4	Sulphate (SO₄)	0.005% max	<0.005%
5	Heavy metals (as Pb)	0.002% max	<0.002%
6	Iron (Fe)	0.002% max	<0.002%
7	Cerium (Ce)	0.03% max	<0.03%
8	Neodymium (Nd)	0.02% max	<0.02%
9	Praseodymium (Pr)	0.02% max	<0.02%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Jyoti)**

**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

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