



CERTIFICATE OF ANALYSIS

Date: 25/03/18

PRODUCT NAME : CERIOUS NITRATE AR 99.9%
(Cerium Nitrate hexahydrate)

CAS No : 10294-41-4
Mol. Formula : $\text{Ce}(\text{NO}_3)_3 \cdot 6\text{H}_2\text{O}$
Mol. WT : 434.22
Exp. : Feb. 2023

Product code : 22538
Batch No : MCR-15802
Mfd. : March 2018

S. R	Test	Specification	Observation
1	Assay by TREO	99.90% min	99.94%
2	CeO ₂ by TREO	36.00% min	36.12%
3	Pr ₆ O ₁₁ by TREO	0.006% max	0.002%
4	Nd ₂ O ₃ by TREO	0.006% max	0.004%
5	La ₂ O ₃ by TREO	0.006% max	0.002%
6	Sm ₂ O ₃ by TREO	0.006% max	0.004%
7	Fe	100 ppm max	< 100 ppm
8	Sodium	100 ppm max	< 100 ppm
9	CaO+MgO	0.01% max	0.008%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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