



CERTIFICATE OF ANALYSIS

PRODUCT NAME : ZINC NITRATE (HEXAHYDRATE) AR

CAS No.	: 10196-18-6	Product code	: 26923
Mol. Formula	: Zn(NO₃)₂.6H₂O	Batch No.	: MCAR-01002
Mol. WT	: 297.48	Mfd.	: Dec. 2024
Date of Analysis	: 24/12/24	Exp.	: Nov. 2029

S.R	Test	Specification	Observation
1	Description	Colourless crystals or white crystalline powder.	White crystalline powder.
2	Assay	99.9% w/w	99.91% w/w
3	pH of 5% solution	2 - 5	2.66
4	Water insoluble matter	0.005% max.	0.003%
5	Chloride (Cl)	0.001% max.	<0.001%
6	Sulphate (SO₄)	0.005% max.	<0.005%
7	Cadmium (Cd)	0.0005% max.	<0.0005%
8	Calcium (Ca)	0.001% max.	<0.001%
9	Copper (Cu)	0.0005% max.	<0.0005%
10	Lead (Pb)	0.001% max.	<0.001%
11	Magnesium (Mg)	0.001% max.	<0.001%
12	Nikel (Ni)	0.0005% max.	<0.0005%
13	Potassium (K)	0.001% max.	<0.001%
14	Sodium (Na)	0.001% max.	<0.001%
15	Iron (Fe)	0.0005% max.	<0.0005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Akash)**

[QC Incharge]

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

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.

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