

CERTIFICATE OF ANALYSIS

PRODUCT NAME : BARIUM CHLORIDE DIHYDRATED AR

CAS No : 10326-27-9

Product code : 22120

Mol. Formula : BaCl₂.2H₂O

Batch No. : MCAR-00966

Mol. WT : 244.28

Mfd. : Dec. 2024

Date of Analysis : 16/12/24

Exp. : Nov. 2029

S.R	Test	Specification	Observation
1	Description	Colourless crystals or white crystalline powder.	White crystalline powder.
2	Assay (ex Cl)	99.0-100.5%w/w	99.67%
3	Reaction	pH 5.0 -8.0	5.90
4	Insoluble matter	0.005% max	0.002%
5	Nitrate (NO ₃)	0.001% max	<0.001%
6	Calcium (Ca)	0.01% max	<0.01%
7	Copper (Cu)	0.0005% max	<0.0005%
8	Iron (Fe)	0.0002% max	<0.0002%
9	Lead (Pb)	0.0005% max	<0.0005%
10	Potassium (K)	0.004% max	<0.004%
11	Sodium (Na)	0.005%max	<0.005%
12	Strontium (Sr)	0.05%max	<0.05%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Durvas)**

[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.