

CERTIFICATE OF ANALYSIS

PRODUCT NAME : BARIUM CHLORIDE DIHYDRATED AR

CAS No : 10326- 27- 9

Product code : 22120

Mol. Formula : BaCl₂.2H₂O

Batch No. : MCAR-01252

Mol. WT : 244.28

Mfd. : Feb. 2025

Date of Analysis : 15/02/25

Exp. : Jan. 2030

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	99.88%
3	Reaction	pH 5.0 -8.0	6.11
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
(Shruti)**



[QC Incharge]



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

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