



CERTIFICATE OF ANALYSIS

PRODUCT NAME : BARIUM HYDROXIDE AR (OCTAHYDRATE)

CAS No	: 12230-71-6	Product code	: 22180
Mol. Formula	: Ba(OH)₂.8H₂O	Batch No	: MCRT-28458
Mol. WT	: 315.48	Mfd.	: June 2023
Date of analysis	: 05/06/23	Exp.	: May 2028

S.R	Test	Specification	Observation
1	Description	A white or colourless crystals, powder or crystalline powder.	Colourless crystals.
2	Assay (by acidimetry)	98.0 % min	99.50%
3	Carbonates (as BaCO ₃)	0.5% max	< 0.5%
4	Substances insoluble in dilute hydrochloric acid	0.005% max	0.002%
5	Chloride(Cl)	0.001% max	< 0.001 %
6	Sulphide (S)	0.0005% max	< 0.0005 %
7	Lead (Pb)	0.0005% max	< 0.0005 %
8	Iron (Fe)	0.001% max	< 0.001 %
9	Calcium (Ca)	0.01 % max	< 0.01 %
10	Potassium (K)	0.01 % max	< 0.01 %
11	Sodium (Na)	0.01 % max	< 0.01 %
12	Strontium (Sr)	0.5 % max	< 0.5 %

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Deepa)**

[QC Incharge]

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

Note: Computer generated image requires no sign.

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