



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : BARIUM HYDROXIDE (OCTAHYDRATE) AR**

<b>CAS No</b>	<b>: 12230-71-6</b>	<b>Product code: 22180</b>
<b>Mol. Formula</b>	<b>: Ba(OH)<sub>2</sub>.8H<sub>2</sub>O</b>	<b>Batch No : MCR-30985</b>
<b>Mol. WT</b>	<b>: 315.48</b>	<b>Mfd. : May 2024</b>
<b>Date of analysis</b>	<b>: 09/05/24</b>	<b>Exp. : April 2029</b>

S.R	Test	Specification	Observation
1	<b>Description</b>	A white or colourless crystals, powder or crystalline powder.	Colourless crystals.
2	<b>Assay (by acidimetry)</b>	98.0 % min	98.70%
3	<b>Carbonates (as BaCO<sub>3</sub>)</b>	2.0% max	< 0.5%
4	<b>Substances insoluble in dilute hydrochloric acid</b>	0.005% max	0.003%
5	<b>Chloride(Cl)</b>	0.001% max	< 0.001 %
6	<b>Sulphide (S)</b>	0.001% max	< 0.001 %
7	<b>Lead (Pb)</b>	0.001% max	< 0.001%
8	<b>Iron (Fe)</b>	0.001% max	< 0.001 %
9	<b>Calcium (Ca)</b>	0.01 % max	< 0.01 %
10	<b>Potassium (K)</b>	0.01 % max	< 0.01 %
11	<b>Sodium (Na)</b>	0.01 % max	< 0.01 %
12	<b>Strontium (Sr)</b>	0.5 % max	< 0.5 %

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Jyoti)**

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

**Note:** Computer generated image requires no sign

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