



## **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	<b>:</b>	<b>BARIUM HYDROXIDE OCTAHYDRATE 98% AR</b>
<b>Cas No.</b>	<b>:</b>	<b>12230-71-6</b>
<b>Code No.</b>	<b>:</b>	<b>00342</b>
<b>Batch No.</b>	<b>:</b>	<b>PC10231783</b>
<b>Mfg. Date</b>	<b>:</b>	<b>OCT-2023</b>
<b>Date Of Analysis</b>	<b>:</b>	<b>23/10/2023</b>
<b>Retest Date</b>	<b>:</b>	<b>SEP-2028</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
Appearance	White crystalline powder or crystal or flakes	White flakes
Assay	Min 98%	98.41%
Substance insoluble in dilute HCl	Max 0.005%	0.0006%
Carbonates (as BaCO <sub>3</sub> )	Max 2%	0.81%
Chloride (Cl)	Max 0.001%	0.0002%
Sulphide (S)	Max 0.001%	0.0004%
Heavy metal (as Pb)	Max 0.0005%	Nil
Iron (Fe)	Max 0.001%	0.0004%
Calcium (Ca)	Max 0.05%	0.02%
Strontium (Sr)	Max 0.5%	0.16%
Potassium (K)	Max 0.01%	0.002%
Sodium (Na)	Max 0.01%	0.001%
Substance not precipitated by dilute H <sub>2</sub> SO <sub>4</sub> (as SO <sub>4</sub> )	Max 0.2%	0.02%

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd.**

**This is an electronically generated Certificate and is valid without a signature.**

For Issues relating to Quality you may send us a mail on [sales@pallavchemicals.com](mailto:sales@pallavchemicals.com) or call on **022 4928 4000**

Website: [www.pallavchemicals.com](http://www.pallavchemicals.com)