



## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	:	<b>BARIUM NITRATE 99% AR</b>
<b>Cas No.</b>	:	<b>10022-31-8</b>
<b>Code No.</b>	:	<b>00344</b>
<b>Batch No.</b>	:	<b>PC09241644</b>
<b>Mfg. Date</b>	:	<b>SEP-2024</b>
<b>Date Of Analysis</b>	:	<b>20/09/2024</b>
<b>Retest Date</b>	:	<b>AUG-2029</b>

TEST	SPECIFICATION	RESULT
Appearance	White crystalline powder	White crystalline powder
Assay (complexometric)	Min 99.0% Ba(NO <sub>3</sub> ) <sub>2</sub>	99.55%
pH (5% solution in water; 25°C)	5.0 - 8.0	5.44
Insoluble matter	Max 0.01%	0.003%
Chloride (Cl)	Max 0.0005%	0.00016%
Calcium (Ca)	Max 0.05%	0.008%
Potassium (K)	Max 0.005%	0.0009%
Sodium (Na)	Max 0.005%	0.0027%
Strontium (Sr)	Max 0.1%	0.05%
Heavy metals (by ICP-OES)	Max 0.0005%	0.00017%
Iron (Fe)	Max 0.0002%	0.00006%

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)