



## **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	<b>:</b>	<b>MAGNESIUM HYDROXIDE 95% EXTRAPURE</b>
<b>Cas No.</b>	<b>:</b>	<b>1309-42-8</b>
<b>Code No.</b>	<b>:</b>	<b>01595</b>
<b>Batch No.</b>	<b>:</b>	<b>PC10231824</b>
<b>Mfg. Date</b>	<b>:</b>	<b>OCT-2023</b>
<b>Date Of Analysis</b>	<b>:</b>	<b>31/10/2023</b>
<b>Retest Date</b>	<b>:</b>	<b>SEP-2028</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
Appearance	White powder	White powder
Assay (complexometric)	95 - 100.5%	99.23%
Identity	Passes test	Passes
Appearance of solution	Passes test	Passes
Substance soluble in water	Max 1%	0.52%
Substance insoluble in acetic acid	Max 0.1%	0.05%
Chloride (Cl)	Max 0.1%	0.05%
Sulphate (SO <sub>4</sub> )	Max 0.5%	0.22%
Heavy metal (as Pb)	Max 0.003%	0.0011%
Arsenic (As)	Max 0.0004%	0.0002%
Calcium (Ca)	Max 1.5%	1.2%
Loss on ignition (at 900°C)	30 - 32.5%	30.43%
Iron (Fe)	Max 0.07%	0.0030%

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)