

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : LEAD MONOXIDE AR  
(LITHARGE)**

<b>CAS No</b>	: 1317-36-8	<b>Product code</b>	: 23760
<b>Mol. Formula</b>	: PbO	<b>Batch No.</b>	: MCAR-00965
<b>Mol. WT</b>	: 223.20	<b>Mfd.</b>	: Dec. 2024
<b>Date of analysis</b>	: 17/12/24	<b>Exp.</b>	: Nov. 2029

S.R	Test	Specification	Observation
1	<b>Description</b>	A heavy Yellow to yellowish orange powder	A heavy yellow powder
2	<b>Assay (ex Pb)</b>	99 % w/w min	99.57% w/w
3	<b>Acetic acid-insoluble matter</b>	0.02% max	0.008%
4	<b>Water-soluble matter</b>	0.05% max	0.02%
5	<b>Loss on ignition between 600 - 800°C</b>	0.2% max	0.10%
6	<b>Chloride (Cl)</b>	0.002% max	<0.002%
7	<b>Nitrogen compounds (N)</b>	0.001% max	<0.001%
8	<b>Bismuth (Bi)</b>	0.005% max	<0.005%
9	<b>Calcium (Ca)</b>	0.005% max	<0.005%
10	<b>Copper (Cu)</b>	0.001% max	<0.001%
11	<b>Iron (Fe)</b>	0.002% max	<0.002%
12	<b>Magnesium (Mg)</b>	0.005% max	<0.005%
13	<b>Potassium (K)</b>	0.005% max	<0.005%
14	<b>Silver (Ag)</b>	0.0005% max	<0.0005%
15	<b>Sodium (Na)</b>	0.005% max	<0.005%

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

**[Tested By]**



**CHEMIST  
(Deepa)**

**[QC Incharge]**



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

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