



## LABPRO CHEM

"Essential Laboratory Chemicals For Scientific Research and Experimentation, Ensuring Accuracy And Precision In Every Process."

- LABPRO CHEM, Shop No: 198 New Link Road Near Laxmi Ind Estate Andheri West Mumbai 400053 Maharashtra (India)
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### CERTIFICATE OF ANALYSIS

**Product Name: Barium Hydroxide 97% (Octahydrate)**

**CAT Number: LA0562**

**CAS Number: 12230-71-6**

**Batch Number: 576BH**

**Date of Manufacture: June 2025**

**Date of Expiry: May 2030**

Test Parameter	Specification	Result
Appearance	White crystalline granules or lumps	Complies
Purity ( $\text{Ba}(\text{OH})_2 \cdot 8\text{H}_2\text{O}$ )	$\geq 97\%$	97.4%
Identification	Passes test for barium and hydroxide ions	Complies
Loss on Ignition	33.0 – 35.0% (corresponding to 8 molecules of water)	34.2%
Insoluble Matter	$\leq 0.05\%$	0.03%
Chloride (Cl)	$\leq 0.005\%$	0.002%
Sulphate ( $\text{SO}_4$ )	$\leq 0.005\%$	0.003%
Heavy Metals (as Pb)	$\leq 5$ ppm	2 ppm
Storage Condition	Store in a tightly closed container in a dry place	Complies

**Approved By**

(Quality Control Department)

Date: 23/06/2025

For, LABPRO CHEM  
*[Signature]*  
AUTH SIGNATORY

Signature: \_\_\_\_\_

TESTED BY  
PREM SINGH

APPROVED BY  
SHAKIL AHMED