



LABPRO CHEM

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

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CERTIFICATE OF ANALYSIS

Product Name: Barium AAS Standard Solution

CAT Number: LA0526

CAS Number: — (*prepared solution*)

Batch Number: 636BS

Date of Manufacture: June 2025

Date of Expiry: May 2030

Test Parameter	Specification	Result
Appearance	Clear, colorless solution	Complies
Barium concentration	1000 ± 5 mg/L	998 mg/L
Matrix	2% HNO ₃ (v/v)	Complies
pH (at 25°C)	≤ 2.0	1.8
Specific Gravity (25°C)	1.005 – 1.015	1.009
Trace metals (as Pb, Fe)	≤ 0.5 ppm	< 0.2 ppm
Homogeneity	Solution free from precipitate	Complies
Assay	Conforms to NIST traceable standard	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