



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: Aspartame 98%

CAT Number: LA0495

CAS Number: 22839-47-0

Batch Number: 345AS

Date of Manufacture: June 2025

Date of Expiry: May 2030

STest Parameter	Specification	Result
Appearance	White crystalline powder	Complies
Purity ($C_{14}H_{18}N_2O_5$)	$\geq 98\%$	98.4%
Identification	Positive for Aspartame	Complies
Assay	98.0 – 102.0%	98.4%
Specific Rotation	+14.5° to +16.5°	+15.2°
Loss on Drying	$\leq 4.5\%$	4.1%
Residue on Ignition	$\leq 0.2\%$	0.08%
Heavy Metals (as Pb)	≤ 10 ppm	2 ppm
pH (1% solution)	4.5 – 6.0	5.1
Solubility	Slightly soluble in water	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