



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: L-ADRENALINE 97% AR

Cat No: LA0130

CAS No: 51-43-4

Batch No: 791WF

Date of Manufacture: JUNE 2025

Date of Expiry: DECEMBER 2030

Parameters	Specification	Result
Appearance	White to off-white crystalline powder	Complies
Assay (HPLC)	$\geq 97.0\%$	97.8%
Identification (IR/UV)	Matches reference standard	Passes
Solubility (in water)	Freely soluble	Passes
Melting Point	211 – 215°C	213°C
Loss on Drying	$\leq 1.0\%$	0.5%
Residue on Ignition	$\leq 0.1\%$	0.03%
Heavy Metals (as Pb)	≤ 10 ppm	<5 ppm
Optical Rotation	+50° to +56° (1% in 1N HCl)	+52.1°
pH (1% aqueous solution)	3.0 – 5.0	4.2

Approved By

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM
AUTH SIGNATORY

Signature: _____

TESTED BY
PREM SINGH

APPROVED BY
SHAKIL AHMED