



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: ACRYLONITRILE AR

Cat No: LA0112

CAS No: 107-13-1

Batch No: 752UY

Date of Manufacture: JUNE 2025

Date of Expiry: DECEMBER 2030

Parameters	Specification	Result
Appearance	Clear, colorless liquid	Complies
Assay (GC)	$\geq 99.5\%$	99.6%
Water Content (KF)	$\leq 0.03\%$	0.02%
Boiling Point	$\sim 77^{\circ}\text{C}$	Confirmed
Density (20°C)	$0.806-0.808 \text{ g/cm}^3$	0.807 g/cm^3
Refractive Index ($n_{20/D}$)	$1.391 - 1.393$	1.392
Chloride (Cl^-)	$\leq 0.001\%$	$<0.001\%$
Sulphate (SO_4^{2-})	$\leq 0.002\%$	$<0.001\%$
Heavy Metals (as Pb)	$\leq 5 \text{ ppm}$	$<3 \text{ ppm}$
Inhibitor (MEHQ)	Present ($\sim 35 \text{ ppm}$, stabilizer)	Confirmed
Purity Grade	Analytical Reagent (AR) Grade	Confirmed

Approved By

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM
AUTH SIGNATORY

Signature: _____

TESTED BY
PREM SINGH

APPROVED BY
SHAKIL AHMED