



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: AMMONIUM SODIUM PHOSPHATE 99% (Dibasic, Tetrahydrate)

Catalogue No.: LA0386

CAS No.: 7783-13-3

Batch No.: 761YH

Date of Manufacture: June 2025

Date of Expiry: May 2030

TEST	SPECIFICATION	RESULT
Appearance	White crystalline powder	Complies
Assay ($\text{NaNH}_4\text{HPO}_4 \cdot 4\text{H}_2\text{O}$)	Min. 99.0%	99.2%
Solubility	Freely soluble in water	Complies
pH (5% solution at 25°C)	8.0 – 9.0	8.4
Chloride (Cl^-)	NMT 0.005%	0.002%
Sulfate (SO_4^{2-})	NMT 0.005%	0.003%
Iron (Fe)	NMT 0.001%	0.0004%
Heavy Metals (as Pb)	NMT 0.001%	<0.001%
Loss on Drying	36.0% – 40.0% (corresponding to tetrahydrate)	38.2%
Residue on Ignition	NMT 0.1%	0.05%
Storage Condition	Store in a cool, dry place	Complies
Intended Use	For Laboratory Use Only	-

Approved By

(Quality Control Department)

Date: 23/06/2025

For LABPRO CHEM
AUTH SIGNATORY

Signature: _____

TESTED BY
PREM SINGH

APPROVED BY
SHAKIL AHMED