



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: ACES BUFFER 99% For Molecular Biology

CAS No. 7365-82-4

CAT NO. LA0006

BATCH NO. 00000

DATE OF MFG: 2025

DATE OF EXP DEC-2030

TYPE OF TEST	STANDARD	OBSERVED
Description	White Crystalline Powder	White Crystalline Powder
Assay (alkalimetric)	Min. 99.0%	99.21%
Identity(IR spectrum)	Passes test	Passes test
UV-Absorption (250 nm; 2%; 1cm; water)	max 0.05%	0.02%
Chloride(Cl)	max 0.005%	<0.05%
Sulphate(SO ₄)	max 0.0005%	0.0032%
Heavy metals(as Pb)	max 0.005%	0.0004%
Sodium (Na)	max 0.005%	0.0026%
Loss on drying(105°C)	max 0.2%	0.1%
Biological buffer, pka at 20°C	6.8-7.0	6.8

-----END OF TEST REPORT-----

For, LABPRO CHEM
[Signature]
AUTH SIGNATORY

TESTED BY
PREM SINGH

APPROVED BY
SHAKIL AHMED