

CERTIFICATE OF ANALYSIS

Product Name	ACES BUFFER 99% EXTRAPURE		
CAS No.	7365-82-4	Code No.	00005
Batch No.	CS01242399	Date of Analysis	11/01/2024
Mfg. Date	Jan-2024	Mol.Weight (g/mol)	182.20
Expiry Date	Dec-2028	Mol. Formula	C4H10N2O4S

Sr.	TESTS	SPECIFICATIONS	RESULTS
1	Appearance	White crystalline powder	White crystalline powder
2	Assay (alkalimetric)	Min 99.0%	99.68%
3	Identity (IR)	Passes test	Passes
4	UV absorbance (at 250 nm; 2%; 1 cm; water)	Max 0.05%	0.0414%
5	Chloride (Cl)	Max 0.05%	0.009%
6	Sulphate (SO ₄)	Max 0.05%	0.008%
7	Heavy metal (as Pb)	Max 0.0005%	0.000012%
8	Sodium (Na)	Max 0.005%	0.0003%
9	Loss on drying (at 105°C)	Max 0.2%	0.10%

Remark: This product complies as per the specifications of Chemnovo.

This is an electronically generated certificate and is valid without a signature.

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