CERTIFICATE OF ANALYSIS

PRODUCT NAME : ACES BUFFER
(N-(2-acetamido)-2-aminoethane sulphonic acid)

CAS No	**: 7365- 82- 4**	**Product code: 11005**	
Mol. Formula	**: $C_4H_{10}N_2O_4S$**	**Batch No**	**: MCR -23651-01**
Mol. WT	**: 182.20**	**Mfd.**	**: July 2023**
Date of analysis	**: 12/07/23**	**Exp.**	**: June 2028**

S. R	Test	Specification	Observation
1	**Description**	White crystalline powder.	White crystalline powder.
2	**Assay(alkalimetric)**	99% min	99.23%
3	**pH of 2% aq.solution**	3.0 - 4.5	3.55
4	**Chloride (Cl)**	0.05% max	<0.05%
5	**Sulphate (SO_4)**	0.005% max	<0.005%
6	**Loss on drying(at 105^0C)**	0.2% max	0.15%
7	**Heavy metals (as Pb)**	0.0005% max	<0.0005%
8	**Sodium (Na)**	0.005% max	<0.005%
9	**UV-Absorption(250nm, 2%,1cm,H_2O)**	0.05% max	0.038%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By] **[QC Incharge]**

CHEMIST
(Asmita)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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