



Unit: No. 2 & 3, 1st Floor, Neminath Indl. Estate No. 6, Navghar Road, Vasai (E), Thane Dist - 401 210, Maharashtra (India)

E-mail:- oxfordchemlab@yahoo.co.in/ sales@oxfordlabchem.com

Web site :- www.oxfordlabchem.com

Telephone : 0091-250-6526021

TeleFax: 0091-250-2390032

CERTIFICATE OF ANALYSIS

PRODUCT NAME	ACES BUFFER 99% [N-2-Acetamido-2-Aminoethane Sulphonic Acid]
CAT. NO	A-00160

Sr. No.	Test	Specifications	Results
1.	CAS No.	7365-82-4	
2.	Molecular Formula	C ₄ H ₁₀ N ₂ O ₄ S	
3.	Molecular Weight	182.20	
4.	Assay(alkalimetric) min.	99%	99%
5.	Appearance	White Powder	White Powder
6.	Solubility	H ₂ O : 0.1 M@ 20°C	Clear & Colorless
7.	Identity(IR spectrum)	Passes test	Passes test
8.	UV-Absorption max.	0.05%	Passes test
9.	Chloride(Cl) max.	0.05%	Passes test
10.	Sulphate(SO ₄) max.	0.005%	0.005%
11.	Heavy metals(as Pb) max.	0.0005%	0.005%
12.	Na(Sodium) max.	0.005%	0.005%
13.	Loss on drying(105°C) max	0.2%	0.2%
14.	Biological buffer, pka at 20°C	6.8-7.0	6.8-7.0
15.	UV(0.1M in H ₂ O) A260nm A280nm	0.0091 0.0031	Passes test



Oxford Laboratory

Range of Laboratory Chemicals

Unit: No. 2 & 3, 1st Floor, Neminath Indl. Estate No. 6, Navghar Road, Vasai (E), Thane Dist - 401 210, Maharashtra (India)

E-mail:- oxfordchemlab@yahoo.co.in / sales@oxfordlabchem.com

Web site :- www.oxfordlabchem.com

Telephone : 0091-250-6526021

TeleFax: 0091-250-2390032

CERTIFICATE OF ANALYSIS

PRODUCT NAME	ACES BUFFER 99% [N-2-Acetamido-2-Aminoethane Sulphonic Acid]
CAT. NO	A-00160

<i>Other Information</i>	
Batch No.	1036
H.S. Code	2924 19 00
HAZ Class	NR
U. N. No.	NR
Chemical Structure	 <chem>CC(=O)NCCNC(CS(=O)(=O)O)</chem>
R : 36/37/38 S : 37/39-26 F : 4	

ANALYST