

SUVCHEM

ISO 9001:2015 CERTIFIED COMPANY

OFF: CHAITANYA TOWER, 2ND FLOOR, OFFICE NO.206,

SIDDARTH NAGAR, S.V. ROAD, GOREGAON (WEST), MUMBAI 400062. MH. INDIA.

WORKS: RAJPRABHA LANDMARK IND ESTATE NO.4 UNIT NO. 106 & 107, 1ST FLOOR, BHOIDAPADA,

SATIVALI ROAD, VASAI (EAST), THANE - 401 208. MH, INDIA

sales@suvchem.com

Certificate Of Analysis

PRODUCT NAME	TRIS BUFFER AR (FOR BIOCHEMISTRY)
CAS. NUMBER	77-86-1
MOLECULAR FORMULAE	$\text{NH}_2\text{C}(\text{CH}_2\text{OH})_3$
MOLECULAR WT	121.14
BATCH NUMBER	TBA052214
MFG DATE	MAY 2022
BEST BEFORE	APRIL 2027
PRODUCT CODE	T0210400100

DESCRIPTION	LIMITS	RESULTS
APPEARANCE	WHITE CRYSTALLINE	COMPLIES
ASSAY: MINIMUM	99.5%	99.70%
MELTING POINT	169-171° C	171°C
pH	10.0-11.0	10.3
MAX. LIMITS OF IMPURITIES		
CHLORIDE (Cl)	0.001%	0.005%
SULPHATED ASH	0.01%	0.005%
WATER (H ₂ O)	0.5%	0.3%
ABSORBANCE (A1%/1CM;10% IN WATER)		
AT 260NM	0.02%	0.01%
AT 280NM	0.02%	0.01%
AT 300NM	0.02%	0.01%
AT 405NM	0.004%	0.003%
AT 430NM	0.004%	0.002%
BIOLOGICAL BUFFER At 25°C	pKa 8.07%	COMPLIES

DISCLAIMER:

- **SUVCHEM™** Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- **SUVCHEM™** shall not be responsible for any damage resulting from handling or from contact with the above product.