

CERTIFICATE OF ANALYSIS

PRODUCT NAME : TRIS BUFFER AR

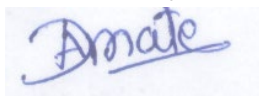
CAS No : 77-86-1
Mol. Formula : $\text{NH}_2 \cdot \text{C}(\text{CH}_2\text{OH})_3$
Mol. WT : 121.14
Date of analysis : 01/08/24

Product code : 26760
Batch No : MCAR-00435
Mfd. : Aug. 2024
Exp. : July 2029

S.R	Test	Specification	Observation
1	Description	A white to almost white or colourless crystals or powder or crystalline powder .	A white crystalline powder.
2	Assay(on dried substances)	99.8%min	99.88%
3	Melting Point	169 – 171 ⁰ C	169.3 ⁰ C
4	Insoluble matter	0.003% max	0.001%
5	Chloride (Cl)	0.001% max	< 0.001%
6	Sulphated ash	0.01% max	0.008%
7	Loss on drying at 105⁰C	0.5% max	0.1%
8	Sulfate(SO₄)	0.005 % max	< 0.005 %
9	Lead (Pb)	0.0002% max	< 0.0002%
10	Iron (Fe)	0.0001% max	< 0.0001%
11	Arsenic(As)	0.0001% max	< 0.0001%
12	Copper(Cu)	0.0001% max	< 0.0001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Deepa)**

[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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