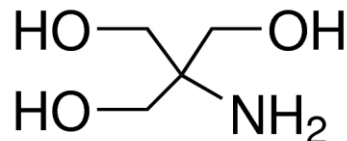


**SPECIFICATION : TRIS-BUFFER AR**

<b>Issue date</b>	23/04/2018	<b>Review date</b>	22/04/2023	<b>Location</b>	<b>All Units</b>
<b>Version No.:</b>	00	<b>Supersedes</b>	--	<b>Page No</b>	1 of 1

**PRODUCT DETAILS**

1	Molecular Formula	NH <sub>2</sub> C(CH <sub>2</sub> OH) <sub>3</sub>
2	Product code	T004
3	Molecular weight	121.14
4	CAS No	77-86-1
5	Risk Statement No	36/37/38
6	Safety Statement No	26-37/39
7	UN No.	---


**PACKING DETAILS**

	Product code	Pack size
1	T00407	100g
2	T00410	500g

**PRODUCT SPECIFICATION**
**SL. No. TEST PARAMETERS**
**LIMITS**

1	Description	A white crystalline powder.
2	Clarity	30% solution in water is clear and colourless.
3	Assay	Between 99.9% and 100.1%
4	pH (0.1 M aqueous solution)	Between 10.3 and 10.8
5	Melting range	Between 167.0°C and 172.0°C
6	Water insoluble matter	Not more than 0.003%
7	Chloride (Cl)	Not more than 0.001%
8	Sulphate (SO <sub>4</sub> )	Not more than 0.005%
9	Arsenic (As)	Not more than 0.0001%
10	Copper (Cu)	Not more than 0.0001%
11	Heavy metals (as Pb)	Not more than 0.0002%
12	Iron (Fe)	Not more than 0.0001%
13	Sulphated ash	Not more than 0.01%
14	Loss on drying (105°)	Not more than 0.5%

**SAFETY SYMBOLS**