

BIOSPECTRA

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TRIS (TROMETHAMINE) SPECIFICATION SHEET BIO EXCIPIENT GRADE/TR3254

$\text{NH}_2\text{C}(\text{CH}_2\text{OH})_3$ ▲ F.W. 121.14 g/mol. ▲ CAS# 77-86-1

USP COMPENDIA		
ANALYSIS		SPECIFICATIONS
Appearance and Color		White/Crystals
Assay		99.0 – 101.0%
Endotoxin		≤ 2.5 EU/g
Identification A		Passes Test
Identification B		Passes Test
Identification C		Passes Test
Loss on Drying		≤ 1.0%
Melting Range		168 - 172 °C
pH (1 in 20)		10.0 – 11.5
Residue on Ignition		≤ 0.1%
Microbial Content	TAMC	≤ 500 CFU/g
	TYMC	≤ 200 CFU/g

EP COMPENDIA		
ANALYSIS		SPECIFICATIONS
Appearance of Solution		Passes Test
Assay		99.0-100.5%
Chloride (Cl)		≤ 100 ppm
Identification A		Passes Test
Identification B		168 - 174°C
Identification C		Passes Test
Iron (Fe)		< 10ppm
Loss on Drying at 105°C		≤0.5%
pH		10.0 – 11.5
Related Substances		≤ 1.0%
Sulfated Ash		≤ 0.1%