

**spectrum**<sup>®</sup> CHEMICAL MFG CORP **Specification for Tris(hydroxymethyl)aminomethane, Ultrapure (SP303)**

Item Number	SP303
Item	Tris(hydroxymethyl)aminomethane, Ultrapure
CAS Number	77-86-1
Molecular Formula	C <sub>4</sub> H <sub>11</sub> NO <sub>3</sub>
Molecular Weight	121.14
MDL Number	
Synonyms	Tromethamine ; Trismat® ; Trometamol ; TRIS ; TRIS Base

Test	Specification	
	Min	Max
ASSAY (DRIED BASIS)	99.8-100.1 %	
pH OF A 5% AQUEOUS SOLUTION	10.0 - 11.5	
MELTING POINT	168 - 172 C	
ABSORBANCE OF A 10 % SOLUTION @ 260 nm		0.03
ABSORBANCE OF A 40 % SOLUTION @ 290 nm		0.2
LOSS ON DRYING		1 %
RESIDUE ON IGNITION		0.1 %
INSOLUBLE MATTER		0.005 %
DNase(endo)	NONE DETECTED	
RETEST DATE		

***Spectrum Chemical Mfg Corp***

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