




Spezifikation

Produktbezug:	
Produktnummer	77861VE
Handelsname / Bezeichnung	Tris (hydroxy-methyl) aminomethan, EP ultrapure (Trometamol)
CAS Nummer	77-86-1
Andere Bezeichnungen / Synonyme	•Tri(hydroxymethyl)methylamin; •Tri(hydroxymethyl)methylamine; •Trometamol; •trometamol;
EG Nummer	201-064-4
Zolltarifnummer / CN-Code	29221985
Achtung  UN n/a, ,	
Verursacht Hautreizungen. Verursacht schwere Augenreizung. Schutzhandschuhe/Schutzkleidung/Augenschutz/Gesichtsschutz tragen. Besondere Behandlung (siehe Angaben auf diesem Kennzeichnungsetikett). Kontaminierte Kleidung ausziehen und vor erneutem Tragen waschen.	

Parameter	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Aussehen der Lösung	1 M aq @ 20°C	klar und farblos	
Aussehen		Weißer kristalliner Feststoff	
Physikalische Parameter			
Unlösliche Anteile		≤ 0,005	%
Trocknungsverlust		≤ 0,2	%
pH-Wert	1 M aq @ 25 °C	10,5 – 11,5	
Identifikation			
Absorptionsgrad der Lösung	1 M aq @ 290nm	≤ 0,05	
Gehalt	Titration	99 – 100,5	%
Identifizierung	IR	entspricht	
Schmelzpunkt (Identität)		168 – 172	°C
Verunreinigungen			
Schwermetalle (als Pb)		≤ 1	ppm
Sulphatasche		≤ 0,1	%
Verwandte Substanzen		TLC: entspricht	

Elementare Verunreinigungen

Chloride (Cl)		≤ 1	%
Eisen (Fe)		≤ 1	ppm

Zusätzliche Angaben:

Hinweis: pKa @ 20°C 8 – 8,4

Entspricht der Monographie: Ph. Eur. 8

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 14. Jul. 2023

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