

Certificate of Analysis



Tris(hydroxymethyl)aminomethane, ultrapure, Ph. Eur.

Article-Nr.: 101547

Batch-No.: 32012291		CAS-No.: 77-86-1
Manufacture Date: 29.12.2020		Retest Date: 28.12.2023

Parameter	Unit	Specification		Result
		min.	max.	
Appearance	-	White crystalline solid		conforms
Assay (by titration)	%	99,90	100,5	100,1
Identification (IR)	-	Must conform to standard		conforms
TLC Related substances	-	Must conform to standard		conforms
Solubility (1 M aq, 20 °C)	-	Clear and Colourless		conforms
Moisture (Loss on Drying)	%	-	0,2	0,03
Insoluble matter	%	-	0,005	< 0,005
Sulphated Ash	%	-	0,1	< 0,1
pH-value (1 M aq, 25 °C)	-	10,5	11,5	10,77
Heavy Metals (as Pb)	ppm	-	1	< 1
Iron (Fe)	ppm	-	1	< 1
Chloride	ppm	-	1	< 1
Melting Point	°C	168,0	172,0	170,1
Absorbance (1 M aq, 290nm)	-	-	0,050	0,012
pKa (20 °C)	-	8,0	8,4	8,22

Conclusion: The product meets the requirements of the Ph. Eur. 8.

Producer: YANCHENG FOYO MEDICAL & CHEMICAL CO LTD
Yanhai Chemical Park, Touzengcun, Binhai Country
Jiangsu Province, China

This confirmation has been generated electronically and does not require a signature

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Siegburg, 09.04.2021