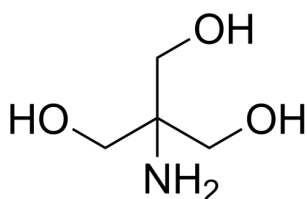


Certificate of Analysis

Compound Information

Product Name:	THAM
Cat. No.:	1043246
CAS No.:	77-86-1
Molecular Formula:	C ₄ H ₁₁ NO ₃
Molecular Weight:	121.14
Chemical Structure:	



Batch Information

Batch No.:	Lf1122184362
Storage:	Storage temp. 2-8°C
Test Date:	2022-11-22
Retest Date:	2025-11-21
Origin:	Shanghai, China

QC Summary

	Specification	Result
Appearance:	White to off-white (Solid)	White (Crystal)
¹H NMR Spectrum:	Consistent with structure	Consistent with structure
Melting point, °C:	168-172	Qualified
Moisture, ω%:	≤0.2	Qualified
pH(50 g/L 25°C):	10.0-11.5	Qualified
Clarity:	Colorless (40% in water)	Qualified
Absorbance (260nm.400g/L) , ω%:	≤0.1	Qualified
Absorbance (280nm.400g/L) , ω%:	≤0.06	Qualified
Absorbance (290nm.400g/L) , ω%:	≤0.2	Qualified
Absorbance (400nm.400g/L) , ω%:	≤0.02	Qualified
Water Insoluble Substance, ω%:	≤0.005	Qualified

Heavy Metals(as Pb),ppm:	≤5.0	Qualified
Iron(Fe),ppm:	≤5.0	Qualified
Chloride(Cl),ppm:	≤1.0	Qualified
Sulfate(SO₄),ppm:	≤10.0	Qualified
Burning Residue,ω/%:	≤0.1	Qualified
Purity,ω/%:	99.5-101.0	100.63
Conclusion:	The product has been tested and complies with the given specifications.	

Caution: Research use only and are not intended for human use.

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