



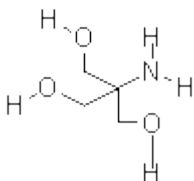
HANGZHOU DINGYAN CHEM CO.,LTD

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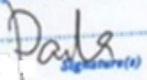
## CERTIFICATE OF ANALYSIS

NO: DYC082307241

Product name	Tris(hydroxymethyl)aminomethane
CAS Number	77-86-1
Molecule Structure	
Molecule Formula	C4H11NO3
Batch number	YK2023042407
Manuf. Date&Exp Date:	2023.04.24&2025.04.23
Testing Date:	2023.04.24

Items	Standard	Result
Appearance	white crystal	white crystal
solubility(40%aqueous)	Clear,colorless solution	PASS
Content	99.5-101%	99.7%
Melting point	168.0-172.0°C	179-171.1°C
Insolubles	≤0.005%	PASS
ASH	≤0.05%	PASS
Heavy metals	≤5PPM	3ppm
moisture conten	≤0.3%	0.13%
PH (5%water)	10.0-11.5	10.6
(Colour)	≤5#	5#
Fe	≤1PPM	PASS
SO4 2+	≤0.1%	PASS
Cl	≤5PPM	PASS
UV (280nm) Abs (280nm,40%water)	≤0.2	0.055

Hangzhou Dingyan Chem Co., Ltd.

QUALITY CONTROL: 

CHECK: 姚仙娟

INSPECTOR: 刘清风

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