

CERTIFICATE OF ANALYSIS

Product Name: Tris(hydroxymethyl) aminomethane

Batch No.: SD19620230319

CAS No.: 77-86-1

Analysis according: Co., Standard

Date of Production: Mar. 19th, 2023

Date of Analysis: Mar. 20th, 2023

Date of Expiry: Mar. 18th, 2025

ITEMS	SPECIFICATIONS	RESULTS
Description	White crystalline powder	Complies
Assay	≥ 99.5%	99.8%
Melting point	168.0~172.0℃	169.7~171.6℃
Solubility(40%aq.)	Clear, colorless solution	Complies
Heavy metals	≤5ppm	Complies
Water content	≤0.2%	0.15%
pH value (5%aq.)	10.0~11.5	10.8
Iron ion	≤ 1 ppm	Complies
Sulfate	≤ 10 ppm	Complies
Chloride	≤3 ppm	Complies
Ultraviolet Absorbance (40%aq.λ=280nm)	≤0.07	0.040
Ultraviolet Absorbance (40%aq.λ=400nm)	≤0.02	Not detected
Infrared spectrum	Conforms to reference	Complies
Storage: Room temperature		
Conclusion: Meets the requirements		

Chief of QC.: Meng Lu

Analyst: Duan Zhen

Approved by: Wang Haichao

