



Shenzhen Feiming Science and Technology Co.,Ltd.

Certificate of Analysis

Product name: **DMBA**

Chemical name: **2,2-Bis(hydroxymethyl)butyric Acid**

CAS No.: 10097-02-6

Batch No.:20231205

Date of Analysis: Dec. 05, 2023

Quantity: 5000KG

Item	Specification	Results
Appearance	White crystal	White crystal
Purity(%)	≥99.0	99.82
Moisture(%)	≤0.3	0.14
Ash(%)	≤0.03	0.02
Acid value (mgKOH/g)	371-382	381
Residue formaldehyde(%)	≤0.03	0.02
Hydroxyl value (mgKOH/g)	742-764	761.89
Melting point(°C)	108-115	113.0-113.5
CL ⁻ (ppm)	≤10	<10
SO ₄ ⁻ (ppm)	≤30	<30
Fe ³⁺ (ppm)	≤5	<2
Na ⁺ (ppm)	≤100	25
K ⁺ (ppm)	≤10	5
Ca ⁺ (ppm)	≤25	<10
Conclusion	Qualified	

Responsible Person: Chendong

Analyst: Zhangmin



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