



HANGZHOU DINGYAN CHEM CO.,LTD

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## CERTIFICATE OF ANALYSIS

NO: DYC082209071

Product name	Betaine(food grade)
CAS Number	107-43-7
Molecule Structure	
Molecule Formula	C5H11NO2
Batch number	BA20220806
Manuf. Date&Exp Date:	2022.08.20&2024.08.19
Testing Date:	2022.08.20

Items	Standard	Result
Appearance	White granule	Conform
Identification	Passes Test	Conform
Assay	NLT 99.0%	99.78%
Water	NMT 2.0%	1.44%
pH (10% Solution)	5.0-7.0	6.10
Color	NMT 20	0.4
Sulfate	NMT 0.01%	Conform
Residue on Ignition	NMT 0.2%	0.02%
Heavy Metals	NMT 10 ppm	Conform
Lead	NMT 1 ppm	Conform
Arsenic	NMT 1 ppm	Conform
Cadmium	NMT 0.2 ppm	Conform
Mercury	NMT 0.1 ppm	Conform
Total Plate Count	NMT 1000 cfu/g	Conform
Yeast and Mold	NMT 100 cfu/g	Conform
E.coli	Negative/10g	Conform
Salmonella	Negative/25g	Conform
Staphylococcus	Negative/10g	Conform
Particle Size	NLT95% Through20mesh	Conform
Conclusion:	The test results correspond to the food grade of in-house standard	

Hangzhou Dingyan Chem Co., Ltd.

QUALITY CONTROL:

CHECK: 姚仙娟

INSPECTOR: 刘清风

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