

BaseBulk

CERTIFICATE OF ANALYSIS

Product Name	Betaine HCL
Batch Number	170230808
Manufacturer	35OLOX
Manufacture Date	13/08/2023
Expiry Date	12/08/2027
Quantity	1.900 kg
CAS	590-46-5

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Identification A & B	Positive reaction	Conforms
Appearance	White crystal powder	Conforms
Assay (anhydrous basis)	NLT 99%	99.3%
Loss on Drying	NMT 0.5%	0.26%
pH (1 in 4 solution)	0.8 – 1.2	1.1
Residue on Ignition	NMT 0.1%	0.07%
Heavy Metals	NMT 10 mg/kg	<10 mg/kg
Lead (Pb)	NMT 0.3 mg/kg	<0.3 mg/kg
Arsenic (As)	NMT 1 mg/kg	<1 mg/kg
Mercury (Hg)	NMT 0.1 mg/kg	<0.1 mg/kg
Cadmium (Cd)	NMT 1 mg/kg	<1 mg/kg

Microbiological

Analysis Item	Specification	Result
Total Plate Count	NMT 1,000 CFU/g	<500 CFU/g
Yeast and Mold	NMT 100 CFU/g	<100 CFU/g
E. coli	Negative/25g	Negative
Salmonella	Negative/25g	Negative
Staphylococcus aureus	Absent in 1 g	Conforms
Bile Tolerant Gram-Negative Bacteria	NMT 100 CFU/g	Conforms

Particle Size

Analysis Item	Specification	Result
Through 20 Mesh	100%	100%

Packing: 25 kg per drum (I.D. 37 × H 41 cm).

Storage: Keep in a tight container at room temperature.

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