

	Specification		
	Product Code: SYN-006	Revision 010	Effective Date: 2017.10.16
	Doc Number: Oct-SYN-006-010		Supersedes: N/A
	Product Name: Gamma-Butyrobetaine Ethyl Ester Chloride(ProGBB™)		

1. Specification

Test Items

Test Items	Specification	Method
Appearance	White or white crystal powder	Visual
Assay	≥98.0%	HPLC
Particle size	100% pass through 20mesh	Sieving analysis
Residue on ignition	≤0.20%	GC
Water	≤10.0%	/
Heavy metal	≤10ppm	USP <231>
Arsenic	≤2ppm	ICP-MS

MICROBIOLOGICAL CONTROL

Total Aerobic	≤1000cfu/g	USP<2021>
Yeast and mold	≤100cfu/g	USP<2021>
E.Coli	Negative	USP<2022>
Salmonella	Negative	USP<2022>
Staphylococcus Aureus	Negative	USP<2022>

2. Packaging and Storage

Internal double PE bag/External fiber drum
In well-sealed container under room temperature

3. Sampling Instruction

4. Approval Page

Prepared by

Approved by

QA

[Signature]

Date

2017.10.16

QA Manager

[Signature]

Date

Oct. 16th. 2017

5.

Change History

Revision#

10

Change Description

Oct