

Certificate of Analysis

Product Name	Ceramide	Cas No	3102-57-6
Batch No.	CE170806-9	Manufacture Date	Aug. 6, 2017
Batch Quantity	500kgs	Certificate Date	Aug. 6, 2017
Storage Condition	Store in cool & dry place, Keep away from strong light and heat.		

Item	Specification	Result	Method
Basic Product Information			
Country of Origin	China	Conform	/
Marker Compounds			
Assay Ceramide	≥10.0%	10.03%	HPLC
Water(KF)	≤5.0%	3.92%	
Organoleptic Data			
Appearance	Fine Powder	Conform	Visual
Color	Yellow	Conform	Visual
Odor	Characteristic	Conform	Organoleptic
Sieve Analysis	40-60mesh	Complies	40-60mesh Screen
Physical Characteristics			
Peroxide value	≤5meq/kg	Complies	CP2010
Particle Size (40 mesh)	≥98.0% pass40mesh	Conform	GB/T 5507-2008
Loss on drying	≤2.0%	0.98%	GB/T 14769-1993
Heavy Metals			
Total Heavy Metals	≤10 ppm	Conform	USP ≤231 ≥, method II
As	≤3.0 ppm	Conform	AOAC 986.15, 18th
Pb	≤2.0 ppm	Conform	AOAC 986.15, 18th
Cd	≤2.0ppm	Conform	AOAC 986.15, 18th
Microbiology			
Total Plate Count	≤1,000cfu/g	20cfu/g	AOAC 990.12, 18th
Total Yeast & Mold	≤100cfu/g	60cfu/g	FDA (BAM) Chapter 18, 8th Ed.
E. Coli	Negative	Negative	AOAC 997.11, 18th
Salmonella	Negative	Negative	FDA (BAM) Chapter 5, 8th Ed.
S.aureus	Negative	Negative	FDA (BAM) Chapter 5, 8th Ed.

Packing and Storage : Packed in paper drums and two plastic bags inside. Store in well closed container away from moisture.