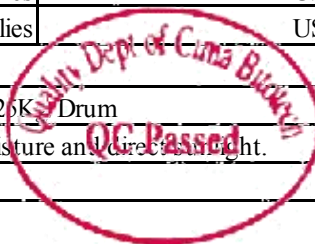




Certificate of Analysis

Product and Batch Information			
Product Name:	OEA	Country of Origin:	P.R. China
CAS No.:	111-58-0	Molecular Weight:	325.5
Molecular Formular:	C20H39NO2	Batch:	CS-OEA-160208
Manufacture Date:	Feb 08, 2016.	Expired Date:	Feb 07, 2018.

Item	Specification	Result	Test Method
Assay(% ,On Dried Base)			
N-(2-Hydroxyethyl)-9-Z-octadecenamide	>87.0%	87.80%	GC
Palmitoyl Ethanolamide	<5.0%	4.46%	GC
hydroxyethyl) - Octadecadienamide,	<4.0%	3.60%	GC
N-(2-Hydroxyethyl)-Octadecanamide	<3.0%	2.65%	GC
others acid's hydroxyethyl amides	<1.0%	0.80%	GC
Physical Control			
Appearance	Fine Flake	Complies	Visual
Color	White to Off white	Complies	Visual
Identification	Positive	Complies	IR&1H NMR
Loss on Drying	1.0% Max	0.48%	USP
Residue on ignition	0.10% Max	0.04%	USP
Chemical Control			
Heavy metals	NMT10PPM	Complies	USP
Arsenic(As2O3)	NMT1PPM	Complies	USP
Sulfate(SO4)	NMT 0.020%	Complies	USP
Iron(Fe)	NMT10PPM	Complies	USP
Chloride(Cl)	NMT 0.020%	Complies	CPh
Solvents Residual	Meeting USP Standard	Complies	GC
Microbiological Control			
Total Plate Count	10,000cfu/g Max	Complies	USP
Yeast & Mold	300cfu/g Max	Complies	USP
Coliforms	10cfu/g Max	Complies	BAM
E.Coli	Negative/10g	Complies	USP
Salmonella sp.	Negative/25g	Complies	USP
Staph Aureus	Negative/10g	Complies	USP
Pseudomonas aeruginosa	Negative/25g	Complies	USP
Packing and Storage			
Packing	Pack in paper-drums and Plastic bag inside. 25Kg/Drum		
Storage	Store in a well-closed container away from moisture and direct sunlight.		
Shelf Life	2 years if sealed and stored properly.		



QC: