

Analytical Report

Product Name: OLEIC ACID

Batch Number: 190401

Production Date: 2019/04/22

EXP.Date: 2022/04/21

Item	Specification	Result
Appearance	Colorless to yellow green clear liquid under room temperature. Darken when exposed to light.	Light yellow liquid
Solubility	Miscible with ethanol, diethyl ether, acetone chloroform and dichloromethane. Slight soluble in water.	Conform
Specific gravity	0.889~0.895	0.894
Refractivity	1.4600~1.4610	1.4602
Congealing temperature	10°C max	8°C
Acid value	195~202	200
Iodine value	87~97	91
Color	Lighter than No6 standard color solution	Conform
Peroxide value	10 max	1.8
Water soluble acids	The solution does not show red	Conform
Residue on ignition	0.1% max	0.03%
Heavy metal	2ppm max	Conform
FAC		
C14%	2.5% max	0.08%
C16%	8.0% max	5.1%
C16:1%	4.0% max	0.1%
C18:0%	3.0% max	1.5%
C18:2%	18.0% max	12.0%
C18:3%	2.0% max	N.D.
>C18%	2.0% max	1.3%
Methanol	0.3% max	N.D.
Acetone	0.5% max	N.D.
Microbial examination		
Mildew	100cfu max	Less than 10cfu/ml
E. coli	Negative	conform
Assay	No less than 75%	79.5%

