



Natural Body Care Crafted For Your Business

Certificate of Analysis
Polysorbate 80
Polysorbate 80

Product #: 122-127
Lot #: 281K1218PW0201
Finished Goods Lot #: 281K1218PW0201321CA
Manufacturing Date: 04/02/2021
Expiration Date: 04/02/2023

07/22/2021 19:16:47
Page 1 of 2

CERTIFICATE OF ANALYSIS

COA: 56673

Customer: Essential Wholesale and Labs
Sales Order: 10228
Customer PO: 4524733404-1
Oxidation Product Code: 203456
Oxidation Product Name: ALKEST TW 80 K
Oxidation Customer Prod. Code/Name: 16152271 - DR400 FCC-NF-KO LIQ
Lot: 210402G009637
Status: Approved
Amount: 11746.03175lb.
Manufacture Date: 04/02/2021
Expiration Date: 04/02/2023

Table with 5 columns: Tests, Analytical Method, Minimum Limit, Maximum Limit, Results. Rows include Identification (IR), C14 Myristic, C16 Palmitic, C16:1 Hexadecenoic, C18 Stearic, C18:1 Oleic, C18:2 Linoleic, C18:3 Linolenic, Oleic acid content, Acid Value, Iodine Value, Identification FCC, Oxethylene Content, Hydroxyl value.

**CERTIFICATE OF ANALYSIS**

COA: 56673

Ignition residue, %p	MA-612	0.000	0.250	0.073
Acid value, mgKOH/g	MA-638	0.0	2.0	1.1
Arsenic, as As, ppm	MA-705	0.0	1.0	0.0
Lead, as Pb, ppm	MA-705	0.0	2.0	0.2
Residual ethylene oxide, ppm	MA-706	0.0	1.0	0.7
Dioxane, ppm	MA-716	0.0	10.0	1.7
Heavy metals, ppm	MA-724	0.0	10.0	0.4
pH, 5wt% aqueous solution, 25°C	MA-729	6.0	7.0	6.3
Kinematic viscosity, 25°C, cSt	MA-766	300.0	500.0	402.3
Peroxide value, mEq/1000g	MA-780	0.0	9.0	1.7
Specific weight at 25°C	MA-798		1.090	1.077
Saponification value, mgKOH/g	MA-810	45.0	55.0	49.5
Moisture, wt%	MA-875	0.0	3.0	2.6
Gardner color, 25°C	MA-881	0.0	4.0	3.3

The product has the mentioned shelf life if kept under proper storing conditions.

[LIMS] SAMPLE NUMBER: 407207  
[LIMS] CONTROL CODE: 07988388-0BD6-496E-892E-466F84A1B361  
Attachment: Meets NF/FCC Requirements