



Shay and Company

Supplier of Wholesale Oils, Butters, Waxes, Candle Supplies and Essential Oils

Polysorbate 80

Lot# 042722P00136

Country of Origin: Mexico

CAS no: 9005-65-6

Manufacture Date: 04/2022

Expiration Date: 04/2025

Ingredient Name (INCI): Sorbitan Monooleate

Composition: min 86% Polysorbate 80, Water

Packaging: Drums, Buckets, HDPE jugs, amber glass bottles

Description: Colorless to light amber, viscous liquid; odorless

Applications: Skincare, Soap Manufacturing, Food

Certificates: Kosher, Tech Grade

Method of Extraction: Solvent Extracted

Plant Part Used: n/a

Vegan: Yes

Gluten Free: Yes

Allergen: None Known

Food Grade: Yes

Characteristic	Method	Min	Max	Results
C:14 Myristic %	MA1294	0	5	0.4
C:16 Palmitic %	MA1294	0	16	5.9
C16:1 Hexadecenoic %	MA1294	0	8	0.3
C18:0 Stearic %	MA1294	0	6	2.1
C18:1 Oleic %	MA1294	58	90	75.3
C18:2 Linoleic %	MA1294	0	18	0.5
C18:3 Linolenic %	MA1294	0	4	0
Oleic Acid Content C18:1 g/100g	MA1295	22	24	22.1
Acid Value C18:1 mg KOH/g	MA1295	193	206	197.3
Iodine Value C18:1 gI2/100g	MA1295	80	92	84.5
Oxythylene Content %	MA1297	65	69.5	65.8
1,4 Dioxane ppm	MA1327	0	1	0
Ethylene Oxide ppm	MA1398	0	1	0.9
Hydroxyl Value mg KOH/g	MA1398	65	80	72.5
Ignition Residue wt%	MA525	0	0.25	0.06
Acid Value mg/KOHg	MA612	0	2	1.3
Arsenic as AS ppm	MA638	0	1	1

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Lead as Pb ppm	MA705	0	2	2
Heavy metals ppm	MA705	0	10	5
ph at 5% aqueous solution at 25°C	MA729	6	7	6.8
Kinematic Viscosity at 25°C	MA766	300	500	490
Peroxide Value mEq/1000g	MA780	0	9	3.6
Specific Weight at 25°C	MA798	1.06	1.09	1.075
Saponification value mg KOH/g	MA810	45	55	47.2
Moisture %	MA875	0	3	2.6
Gardener Color at 25°C	MA881	0	4	4

Shelf life is guaranteed for three years from time of manufacture when stored in original, unopened container between 59° F to 86°F and protected from light. Shay and Company diligently sources and provides the highest quality ingredients, but it is the customer's responsibility to ensure the products purchase from Shay and Company meets their expectations. Any additional testing will be the responsibility of the customer.