



Shay and Company

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

AHA Fruit Enzyme Blend

Lot# 9392715

Country of Origin: USA

Manufacture Date: 03/2023

Expiration Date: 03/2024

Ingredient Name (INCI): Water, Vaccinium Myrtillus Fruit Extract & Saccharum Officinarum (Sugar Cane) Extract & Citrus Aurantium Dulcis (Orange) Fruit Extract & Citrus Limon (Lemon) Fruit Extract & Acer Saccharum (Sugar Maple) Extract

Composition: 50% Water, 28.5% Vaccinium Myrtillus (Bilberry) Fruit Extract, 12% Saccharum Officinarum (Sugar Cane) Extract, 4% Citrus Aurantium Dulcis (Orange) Fruit Extract, 4% Citrus Limon (Lemon) Fruit Extract, 1.5% Acer Saccharum (Sugar Maple) Extract

CAS no: 7732-18-5 & 84082-34-8 & 91722-22-4 & 8028-48-6 (or) 84012-28-2 & 84929-31-7 & 91770-22-8

Packaging: Drums, buckets, jugs, amber glass bottles

Description: Clear, colorless to pale yellow

Applications: Skincare, Soap Manufacturing, Haircare

Vegan: Yes

Gluten Free: Yes

Allergen: None known

Food Grade: No

Notes: May settle; mix well prior to use

Product may change appearance if exposed to cold temperatures during shipment or storage. If this happens, please gently warm to 45-50°C/115-122°F and mix until normal appearance is restored.

Specification	Parameters	Result
pH (as is at 25°C)	4.0 - 5.0	4.4
Non-volatile material (1g-1hr-105°C)	50% min	54.1
Specific Gravity (as is at 25°C)	1.169-1.369	1.259
Acid Content:		
Lactic Acid	28-32%	29
Glycolic Acid	12-17%	12.7
Citric Acid	2-6%	3.3
Malic Acid	1% Max	0.6

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Tartaric Acid	1% max	0.6
Identification	Positive	Pass
Arbutin	<10 ppm	None detected
Heavy Metals	<20 ppm	<20 ppm
Arsenic	<2 ppm	<2 ppm
Lead	<1 ppm	<1 ppm
Cadmium	<1 ppm	<1 ppm
Microbial Content	<100 CFU/g; no pathogens	Pass
Yeast and Mold	<100 CFU/g	Pass
Gram Negative Bacteria	0 CFU/g	Pass

Shelf life is guaranteed for one year 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.