



# Certificate of Analysis

**Product Name:** Fruit Acid  
 Complex AHA Ecocert  
**Lot Number:** 38498  
**Manufacture Date:** April 16, 2024  
**Re-Test Date:** April 16, 2025  
**CAS #'s:** 7732-18-5 & 84082-34-8 & 91722-22-4 & 8028-48-6 (or) 84012-28-2 & 84929-31-7 & 91770-22-8  
**EINECS #'s:** 231-791-2 & 281-983-5 & 294-424-5 & 232-433-8 & 284-515-8 & 294-807-7  
**INCI Name:** 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

Specification	Parameter	Result
Appearance	Clear, Colorless to Pale Yellow Liquid	Pass
Odor	Characteristic	Pass
pH (as-is @ 25°C)	4.0 – 5.0	4.5
NVM (1g-1hr-105°C)	50.0% Minimum	54.0
Specific Gravity (as-is @ 25°C)	1.1690 – 1.3690	1.2573
Acid Content:		
Lactic Acid	28.0 – 32.0%	30.4
Glycolic Acid	12.0 – 17.0%	12.5
Citric Acid	2.0 – 6.0%	3.2
Malic Acid	1.0% Maximum	0.6
Tartaric Acid	1.0% Maximum	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 & Mold	< 100 CFU/g	Pass
Gram Negative Bacteria	0 CFU/g	Pass

May Sediment upon Standing; Mix Well Prior to Use

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

QA Signature                     Tori Hoag                    

Date                     April 24, 2024                    

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