



Shay and Company

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

Lactic Acid 88% Solution
Lot# L2202030179
Country of Origin: China
Manufacture Date: 02/2022
Expiration Date: 02/2025

Retest date: 01/2025
Updated expiration date: 02/2026

Ingredient Name (INCI): Lactic Acid or Alpha Hydroxy Acid (L-2-hydroxy-propanoic acid)

CAS no: 79-33-4

Composition: 8-98% Lactic acid; balance is water

Packaging: Buckets, HDPE jugs, amber glass bottles

Certificates/Grades: non-GMO, Halal, Kosherd material; mild aroma

Method of Extraction: Fermentation of corn

Flash Point: >112°C/233.6°F

Boiling Point: 120°C/248°F

pH: <2.0 @ 20°C in 10% aqueous solution

Solubility: Water; not soluble in oil

Vegan: Yes

Gluten Free: Yes

Allergen: None known

Food Grade: No

Content	Specs	Results
Stereochemical purity (l-isomer)	Min 98%	98.7
Content	Min 88%	88.1
Color, fresh	Max 50APHA	<30APHA
Color, 6 months	Max 50APHA	<50APHA
Suphate	Max 50ppm	<50PPM
Chloride	Max 10ppm	<10ppm
Sulphated Ash	Max 0.05%	<0.05%
Iron	Max 10ppm	<10ppm

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Total heavy metals	Max 5ppm	<5ppm
Lead	Max 0.5ppm	<0.5ppm
Arsenic	Max 3ppm	<3ppm
Mercury	Max 1ppm	<1ppm
Cyanide	Max 5ppm	<5ppm
Limit of citric, oxalic, phosphoric and tartaric acid	Passes FCC test	Passed
Reducing Sugars	Passes FCC test	Passed

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.