



## Shay and Company

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

### Sodium Lactate

Lot# 5149081

Country of Origin: Canada

Manufacture Date: 08/2024

Expiration Date: 08/2027

**Ingredient Name (INCI):** Sodium Lactate

CAS no: 867-56-1, 7732-18-5

**Composition:** 60% Sodium Lactate, water

**Packaging:** Drums, Pails, Jugs, Amber glass bottles

**Description:** Clear, hygroscopic and syrupy solution. Almost odorless.

**Applications:** Skincare, Soap Manufacturing

**Certificates:** non-GMO, Kosher (Orthodox Union) in full drum size only

**Method of Extraction:** Neutralization of the acid of natural origin with a high purity sodium source. Lactate is produced naturally by living organisms as a by-product of the glycolysis.

**Ingredient Composition:** 60% Sodium Lactate, 40% Water

**Gluten Free:** Yes

**Allergen:** None known

**Food Grade:** Yes

Properties	Unit	Value
Density at 20°C	g/ml	1.32
pH (fresh solution)		8.1
pH (20% solution)		7.2

### Purity

Positive test for lactate		Pass
Positive test for sodium		pass
Sodium lactate content	% w/w	60.6
Sodium content	% w/w	12.6
Total acidity (as lactic acid)	% w/w	<0.3
Heavy Metals (as Pb)	ppm	<2
Iron	ppm	<10
Chloride	ppm	<50
Sulphate	ppm	<20
Cyanide	ppm	<0.3
Lead	ppm	<2
Arsenic	ppm	<1
Mercury	ppm	<1

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Reducing substances (sugar)		pass
Citrate, oxalate, phosphate or tartrate		Pass
Methanol and methyl esters	ppm	Max 50

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.