



## CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA  
Tel: (416) 665-9696, Fax: (416) 665-4439  
Email:orders.trc@lgcgroup.com Website: www.trc-canada.com

### 1. Identification

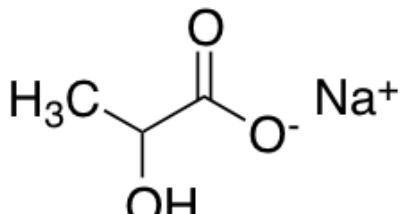
**Catalogue Number:** S644003

**CAS Number:** 72-17-3

**Product:** Sodium DL-Lactate (60% w/w in H<sub>2</sub>O)

**Synonym:** E 325; Lacolin; Lactic Acid Sodium Salt; Monosodium Lactate; Per-glycerin; Purasal Powder S 98JS; Purasal S; Purasal S/SP 60; Purasal-Purac Spray 80; Sodium 2-Hydroxypropanoate; Sodium  $\alpha$ -Hydroxypropionate; Wilclear

**Structure:**



**Lot Number:** 5-SKA-85-1

**Purity:** 98%

**Shipping Condition:** This Product Is Stable To Be Shipped At Room Temperature

**Storage Condition:** -20°C

**Molecular Formula:**

C<sub>3</sub>H<sub>5</sub>NaO<sub>3</sub>

**Molecular weight:**

112.06

**Source of Product:**

N/A

**Solubility:**

Methanol (Slightly), Water (Soluble)

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

<b>Tests:</b>	<b>Specifications:</b>	<b>Results:</b>
Appearance	Colourless Solution	Clear Colourless Solution
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 22.05, %H: 5.97
MS	Conforms to Structure	Conforms
Sodium Content	Report Result	16.37% by Ion Chromatography
Specific Rotation	Report Result	+0.4° (c = 0.5, Water)
Water Content	Report Result	33.1% by Karl Fischer

**Additional Information:** N/A

**Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.**

### 4. Signatures

<b>Reviewed By</b>	<b>Reviewed By</b>	<b>C of A Approved By</b>	<b>Test Date</b>	<b>Retest Date</b>
Nicole Yip	Toni Rantanen	Chanell Chu	12/9/2021	12/7/2025

