



CERTIFICATE OF ANALYSIS

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1. Identification

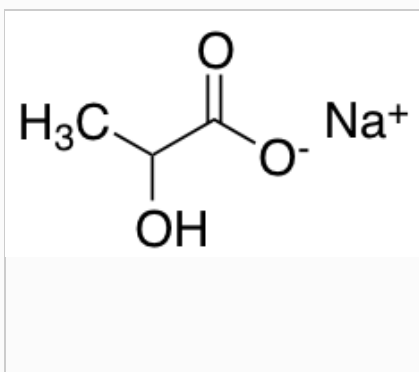
Catalogue Number: S644003

CAS Number: 72-17-3

Product: Sodium DL-Lactate (60% w/w in H₂O)

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-Hydroxypropionate; Sodium α-Hydroxypropionate; Wilclear

Structure:



Molecular Formula:

C₃H₅NaO₃

Molecular weight:

112.06

Source of Product:

N/A

Solubility:

Methanol (Slightly), Water (Soluble)

Lot Number: 5-SKA-85-1

Purity: 98%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
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 ± 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

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

