



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

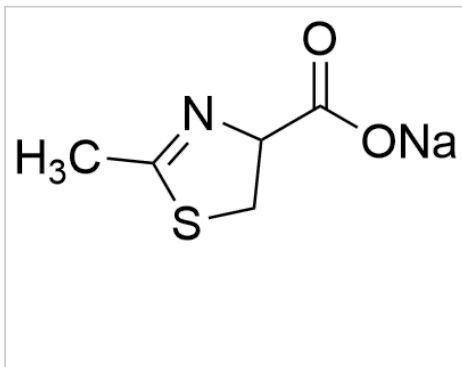
Catalogue Number:

S699692

CAS Number: 15058-19-2

Product:

Sodium 2-Methyl-4,5-dihydro-1,3-thiazole-4-carboxylate (~90%)

Synonym:
Structure:

Molecular Formula:
C₅H₆NO₂Na
Molecular weight:

167.16

Source of Product:

N/A

Solubility:
DMSO (Slightly, Heated, Sonicated),
Methanol (Slightly, Sonicated)
Lot Number:

15-SBL-121-1

Purity:

>90%

Shipping Condition:

This Product Is Stable To Be Shipped At Room Temperature

Storage Condition:

-20°C, Hygroscopic

2. Warning

Warning 1:
Warning 2:
Warning 3:

3. Analytical Information

Tests:

Elemental Analysis
 Appearance
 NMR
 MS
 Water Content
 Sodium Content
 Specific Rotation

Specifications:

Conforms
 White to Off-White Solid
 Conforms to Structure
 Conforms to Structure
 Report Result
 Report Result
 Report Result

Results:

%C: 35.17, %H: 3.67, %N: 8.22
 White to Off-White Solid
 Conforms
 Conforms
 0.6% by Karl Fischer
 13.98% by Ion Chromatography
 0.0° (c = 0.2, Methanol)

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

 Eric Beaton
Reviewed By

 Toni Rantanen
Reviewed By

 My Nguyen
C of A Approved By
Test Date

3/17/2021

Retest Date

3/15/2025