

CERTIFICATE OF ANALYSIS

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72657-23-9

1. Identification

Catalogue H943558

Number:

(R)-3-Hydroxyisobutyric Acid Methyl

Structure:

Product:

R-(-)-Roche Ester; Molecular Formula:

(-)-Methyl β-Hydroxyisobutyrate; (2R)-3-

Hydroxy-2-methylpropionic Acid Methyl Ester;

Methyl (R)-(-)-3-Hydroxy-2-methylpropionate;

C5H10O3

Molecular weight:

118.13

Source of Product:

N/A

Solubility:

Chloroform (Soluble), Methanol (Sparingly)

Purity: 98%

CAS

Number: Synonym:

Storage

Condition: -20°C

Lot Number:

2023-NKR-007

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

2. Warning

Warning 1: Warning 2: Warning 3:

3. Analytical Information

Tests: Specifications: Results:

Colourless to Pale Yellow Oil Clear Colourless Oil **Appearance**

NMR Conforms to Structure Conforms C NMR Conforms to Structure Conforms MS Conforms to Structure Conforms

Elemental Conforms %C: 50.55, %H: 8.59 Analysis

100.00% **GC Purity** Report Result

 -24.7° (c = 1.0, Methanol) Specific Rotation Report Result

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

C of A Approved **Reviewed By Reviewed By Test Date Retest Date** Nicole Yip Toni Rantanen Christina Gouliaras 2/3/2023 2/1/2027

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