

CERTIFICATE OF ANALYSIS

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1. Identification

Catalogue H952395 CAS 40216-83-9 Number: Number:

Synonym: L-Hydroxyproline Methyl Ester Hydrochloride;

Methyl (2S,4R)-4-Hydroxy-2-

pyrrolidinecarboxylate Hydrochloride; Methyl L-Hydroxyprolinate Hydrochloride; Methyl trans-4-Hydroxy-L-prolinate Hydrochloride; trans-4-Hydroxy-L-proline Methyl Ester Hydrochloride; trans-4-Hydroxyproline Methyl

Ester Hydrochloride; 2S,4R)-Methyl 4hydroxypyrrolidine-2-carboxylate

Hydrochloride

Molecular Formula:

C₆H₁2ClNO₃

Molecular weight:

181.62

Source of Product:

N/A

Solubility:

Methanol (Slightly), Water

(Sparingly)

Purity:

97%

Storage Condition: -20°C

Structure:

Product:

√CO₂Me **HCI**

trans-4-Hydroxy-L-proline Methyl

Ester Hydrochloride

Number:

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

2023-CPO-133

2. Warning

Appearance

Lot

Warning 1: Warning 2: Warning 3:

3. Analytical Information

Tests: Specifications: Results:

> White to Off-White Solid White to Off-White Solid

Conforms to Structure Conforms **NMR**

%C: 39.92, %H: 6.68, %N: 7.64 Elemental Analysis Conforms

HPLC Purity Report Result 97.44% (ELSD)

MS Conforms Conforms to Structure Chloride Content Report Result 20.8%

Specific Rotation Report Result -32.4° (c = 0.3, Water)

Conforms to Structure Conforms C NMR

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

Reviewed By Reviewed By swathi reddy R. Leting

Toni Rantanen

C of A Approved By Chanell Chu

8/9/2023

Test Date

Retest Date

8/7/2027