

CERTIFICATE OF ANALYSIS

1. Identification

Catalogue Number

Lot Number

26-SSR-61-1

Product Name

5-Hydroxy L-Tryptophan

Structure

$$CO_2H$$
 NH_2

Synonyms

H975710

(S)-5-Hydroxytryptophan; 5-Hydroxyl-L-tryptophan; 5-Hydroxytryptophan; Cincofarm; L-5-HTP; L-5-Hydroxytryptophan; Levothym; Levotinine; Oxitriptan; Oxyfan; Pretonine; Quietim; Serotonyl; Telesol; Tript-Oh; Triptene; L-5-Hydroxytryptophan(Tryptophan EP Impurity D)

CAS Number

Solubility

4350-09-8

DMSO (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room

Temperature

Molecular Formula

Molecular Weight

Source of Product

N/A

Purity

220.22

Tests

NMR

>95%

Long Term Storage Conditions 4°C

2. Warnings

 $C_{11}H_{12}N_2O_3$

Not Determined

3. Analytical Information

Specifications Results

Appearance Off-White to Pale Grey Solid

Conforms to Structure

Conforms

HPLC Purity >95% 99.89% (220 nm)

Off-White to Pale Brown solid

Conforms to Structure MS

Conforms

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

Do levia

6/9/2023

6/7/2033

Sarbjeet Kaur **Product Quality Specialist** Toni Rantanen Manager, Quality Assurance

Christina Gouliaras **Quality Assurance Associate**

101 Milani Blvd., Vaughan, ON., L4H 4M4 Canada Tel: (416) 665-9696 E-mail: Orders.TRC@LGCGroup.com Website: www.lgcstandards.com