



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lscgroup.com Website: www.trc-canada.com

1. Identification

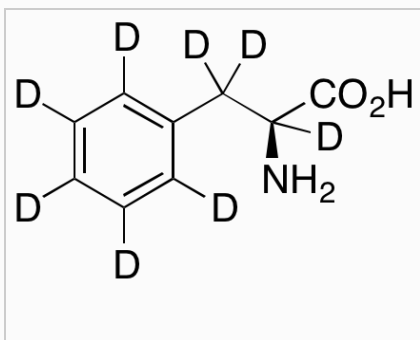
Catalogue Number: P319419

CAS Number: 29909-00-0

Product: L-Phenylalanine-d8

Synonym: (2S)-2-Amino-3-phenylpropanoic Acid-d8; (S)-(-)-Phenylalanine-d8; (S)- α -Amino- β -phenylpropionic Acid-d8; (S)- α -Aminohydrocinnamic Acid-d8; (S)- α -Amino-benzenepropanoic Acid-d8;

Structure:



Molecular Formula:

$C_9H_3D_8NO_2$

Molecular weight:

173.24

Source of Product:

Synthetic

Solubility:

Aqueous Base (Slightly)

Lot Number: F-217

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	White Solid	White Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	100.00% (205 nm)
Isotopic Purity	>95%	>95% by NMR

Additional Information:

Material was manufactured at CDN Isotopes, an affiliate of TRC

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	C of A Approved By	Test Date	Retest Date
Iuri Lutenco	Toni Rantanen	Chanell Chu	3/17/2022	3/15/2028