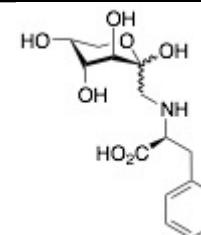


CERTIFICATE OF ANALYSIS**1. Identification**

Catalogue Number F792560 Lot Number 17-ZCA-35-3

Product Name
Fructose-phenylalanine (mixture of diastereomers)

StructureSynonyms

N-(1-Deoxy-D-fructos-1-yl)-L-phenylalanine; (S)-1-[(1-Carboxy-2-phenylethyl)amino]-1-deoxy-D-fructose; 1-[(α -Carboxyphenethyl)amino]-1-deoxy-fructose; N-(1'-Carboxy-2'-phenylethyl)amino-1-deoxyfructose;

CAS Number

31105-03-0

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₁₅H₂₁NO₇Source of Product

Synthetic

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

327.33

Purity

93%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Pale Yellow to Dark Yellow Solid	Yellow to Dark Yellow Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	93.03% (210 nm)
LCMS	Conforms to Structure	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 \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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			3/11/2025	3/9/2029

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