

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	14043
Lot Number	120326-21135
Product	Z-4-fluoro-D-phenylalanine
	Z-D-Phe(4-F)-OH
	Z-p-fluoro-D-Phe-OH
CAS Number	117467-73-9
Molecular Formula	C ₁₇ H ₁₆ NO ₄ F
Molecular Weight	318.24

Appearance	White powder
Solubility	Clear solution (0.3 gram in 2 ml DMF)
Water Content (Karl Fisher)	0.56%
Optical Rotation	[α] _D ²⁰ = +35.9° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.1%
¹H NMR	Conforms to structure
Purity by HPLC	99.48%
Storage	Store at 0-8°C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager