

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	06546
Product	Z-4-fluoro-L-phenylalanine chloromethylketone
Lot Number	0539060 Z-4-fluoro-L-phenylalanine chloromethylketone Z-p-fluoro-Phe-CMK
CAS Number	400771-48-4
Molecular Formula	C ₁₈ H ₁₇ NO ₃ ClF
Molecular Weight	349.75

Appearance	White powder
Appearance of Solution	clear colorless solution (25mg/mL in Chloroform/Methanol 1:1)
Melting Point	134-138 °C
Elemental Analysis (Theory)	C = 61.81%; H = 4.90%; N = 4.00%
Elemental Analysis (Found)	C = 61.70% H = 4.88%; N = 3.92%
TLC System	Chloroform/Ethylacetate (9:1) Ethylacetate/Hexane (4:5) Benzene/Dioxane/Acetic acid (95:25:4) Plate: Silica gel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Analysis by Mass Spectra	[M] = 349.1 u
Purity by TLC	> 99%
Storage	Store at 0-8 °C

Certificate of Analysis

Catalog Number: 06546

Lot Number: 0539060

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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager