

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	04090
Product	Fmoc-4-bromo-L-phenylalanine

Lot Number	000424-110803-22099
	Fmoc-L-Phe(4-Br)-OH
	Fmoc- <i>p</i> -bromo-L-Phe-OH

CAS Number	198561-04-5
Molecular Formula	C ₂₄ H ₂₀ BrNO ₄

Molecular Weight	466.3
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Appearance	White powder
Solubility	Clear solution (0.3 g in 6 mL DMF)
Melting Point	205.4-207.2 °C
Water Content (Karl Fisher)	0.85%
Optical Rotation	[α] _D ²⁰ = -17.8° (C=1 in DMF)
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.03% (90 °C, 2h)
Purity by HPLC	98.80%
Storage	Store at 0-8 °C
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