



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

Catalogue Number 04-1347  
Product **Fmoc-4-bromo-L-phenylalanine**

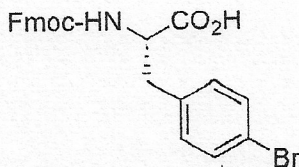
Lot Number 000424-110803-22099  
Fmoc-L-Phe(4-Br)-OH  
Fmoc-*p*-bromo-L-Phe-OH

CAS Number 198561-04-5  
Molecular Formula C<sub>24</sub>H<sub>20</sub>BrNO<sub>4</sub>

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  $[\alpha]_D^{20} = -17.8^\circ$  (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



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