

Chem-Impex International, Inc.

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825 Dillon Drive

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Certificate of Analysis

| | |
|--------------------------|---|
| Catalogue Number | 05347 |
| Product | Fmoc-3-iodo-L-tyrosine |
| Lot Number | 000424-170227-20620 Fmoc-3-I-L-Tyr-OH Fmoc-3-I-L-Phe(4-OH)-OH |
| CAS Number | 134486-00-3 |
| Molecular Formula | C ₂₄ H ₂₀ NO ₅ I |
| Molecular Weight | 529.2 |

| | |
|------------------------------------|---|
| Appearance | White powder |
| Solubility | Clear solution (0.3 g in 2 mL DMF) |
| Melting Point | 148.7-152.0 °C |
| Water Content (Karl Fisher) | 0.49% |
| Optical Rotation | [α] _D ²⁰ = -9.5° (C=1 in DMF) |
| Infrared Spectrum | Conforms to structure |
| Analysis by Mass Spectra | Conforms to standard |
| Loss on Drying | 0.90% (60 °C, 2h) |
| ¹H NMR | Conforms to structure |
| Purity by HPLC | 97.89% |
| 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

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

Bala Kumar
Quality Control Manager