

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|------------------------------------|--|
| Catalogue Number | 01391 |
| Product | Boc-O-benzyl-D-tyrosine |
| Lot Number | 000424-161022-31816 Boc-D-Tyr(Bzl)-OH |
| CAS Number | 63769-58-4 |
| Molecular Formula | C ₂₁ H ₂₅ NO ₅ |
| Molecular Weight | 371.4 |
| <hr/> | |
| Appearance | White to off-white powder |
| Solubility | Clear solution (0.3 g in 2 mL DMF) |
| Melting Point | 110.1 - 110.4 °C |
| Water Content (Karl Fisher) | 0.163% |
| Optical Rotation | [α] _D ²⁰ = -31.5° (C=2 in EtOH) |
| Infrared Spectrum | Conforms to structure |
| Analysis by Mass Spectra | Conforms to standard |
| Loss on Drying | 0.22% (45 °C, 2h) |
| ¹H NMR | Conforms to structure |
| Purity by HPLC | 99.60% |
| 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