



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

| | |
|----------------------|--|
| Catalog Number | 04-600 |
| Product Name | Boc-D-Thr(Bzl)-OH |
| Lot Number | 850514/827168 |
| CAS Registry Number | 69355-99-3 |
| Molecular Formula | C ₁₆ H ₂₃ NO ₅ |
| Molecular Weight | 309.36 |
| Optical Rotation | $\alpha_D^{20} = -16.2^\circ$ (c = 1 in MeOH) |
| HPLC | 99.3% |
| Identification (TLC) | Acetonitrile/Chloroform/Acetic Acid 8/1/1 v/v/v CHCl ₃ :MeOH:AcOH 90/8/2 (v/v/v) Plate Silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine |
| TLC | 99.0% |
| L- enantiomer | <0.5% |
| Assay | 100.0% |
| Residue on Ignition | <0.2% Sulphate |
| Storage | Store at RT |