

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|--------------------------|---|
| Catalogue Number | 30474 |
| Lot Number | 000129-11180 |
| Product | (2S,4R)-4-Azido-1-(tert-butoxycarbonyl) pyrrolidine-2-carboxylic acid dicyclohexylamine salt Boc-(2S,4R)-Pro(N ₃)-OH•DCHA |
| CAS Number | 132622-68-5 (net) |
| Molecular Formula | C ₂₂ H ₃₉ N ₅ O ₄ |
| Molecular Weight | 437.6 |

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|-------------------------------|--|
| Appearance | Light yellow crystalline powder |
| Melting Point | 150 - 152°C |
| Optical Rotation | [α] _D ²⁰ = -30.1° (C=1 in DMF) |
| Assay by titration | 99.3% |
| Purity by HPLC | 98.8% |
| Purity by TLC | > 98% |
| Storage | Store at 0-8°C |
| Additional Information | Cis-isomer content: < 0.5% |
| 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