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Certificate of Analysis

Catalogue Number	02700
Lot Number	000127-1054611
Product	Boc-L-glutamic acid α-cyclohexyl ester

Boc-L-Glu-OcHex

CAS Number	137506-13-9
Molecular Formula	C ₁₆ H ₂₇ NO ₆
Molecular Weight	329.4

Appearance	White powder
Solubility	Clear, colorless solution (50 mg/mL in MeOH)
Melting Point	91 °C
Elemental Analysis (Theory)	C = 58.3%, H = 8.3%, N = 4.3%
Elemental Analysis (Found)	C = 58.2%, H = 8.1%, N = 4.2%
Water Content (Karl Fisher)	0.1%
TLC System	Chloroform/Ethylacetate/Acetic acid (50:50:2) Chloroform/Methanol/Acetic Acid (90:8:2) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, TMB
Optical Rotation	[α] _D ²⁰ = -30.3° (C=1 in MeOH)
Assay by titration	98.8%
Purity by TLC	> 99%
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



Bala Kumar
Quality Control Manager