

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	05124
Lot Number	000201-4484
Product	Boc-O-benzyl-D-homoserine

Boc-D-HomoSer(Bzl)-OH

CAS Number	150009-60-2
Molecular Formula	C ₁₆ H ₂₃ NO ₅

Molecular Weight	309.4
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Appearance	Off-white crystalline powder
Solubility	Clearly soluble (0.5 mmole in 1 ml DMF)
Melting Point	49-53 °C
Water Content (Karl Fisher)	0.16%
Kaiser Test	Negative
Optical Rotation	[α] _D ²⁰ = +15.6° (C=2, in 80% EtOH)
Infrared Spectrum	Conforms to structure
Assay	97.2%
L-Enantiomer	< 0.1%
Purity by HPLC	99.6%
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

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

Bala Kumar
Quality Control Manager