

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	05503
Product	Boc-D-glutamic acid α-amide
Lot Number	000424-190325-32301 Boc-D-Glu-NH ₂
CAS Number	55297-72-8
Molecular Formula	C ₁₀ H ₁₈ N ₂ O ₅
Molecular Weight	246.26

Appearance	Off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	157.5 - 157.7 °C
Water Content (Karl Fisher)	0.09%
Optical Rotation	[α] _D ²⁰ = 2.8 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.14% (70 °C, 2 h)
¹H NMR	Conforms to structure
Purity by HPLC	99.45%
Storage	Store at 0-8°C

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Lot Number: 000424-190325-32301

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