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Certificate of Analysis

Catalogue Number	03963
Lot Number	000127-1000026999
Product	Boc-L-citrulline 4-nitrophenyl ester Boc-L-Cit-ONp
CAS Number	56612-88-5
Molecular Formula	C ₁₇ H ₂₄ N ₄ O ₇
Molecular Weight	396.41

Appearance	Red-brown powder
Solubility	Clear, brown solution (50 mg/mL in Acetone)
Melting Point	95 °C
Water Content (Karl Fisher)	1.2%
TLC System	Methanol 80% Plate : RP-8 Chloroform/Methanol/Acetic acid% (85:10:5) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Optical Rotation	[α] _D ²⁴ = - 22.3 ° (C=1% in Acetone)
Assay	96.7% (Nfd : 13.66%)
Purity by TLC	> 98%
Storage	Store at 0 - 8 °C
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