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Certificate of Analysis

Catalogue Number	05599
Lot Number	000201-2353
Product	Boc-O-methyl-L-serine dicyclohexylammonium salt Boc-L-Ser(Me)-OH•DCHA
CAS Number	51293-47-1 (net)
Molecular Formula	C ₉ H ₁₇ NO ₅ ·C ₁₂ H ₂₃ N
Molecular Weight	400.53

Appearance	White crystals
Solubility	Clearly soluble (0.5 mmole in 1 mL DMF)
Melting Point	122-123 °C
Water Content (Karl Fisher)	0.12%
Kaiser Test	Negative to slightly positive
TLC System	Chloroform/Methanol/Acetic acid (90:8:2)
Optical Rotation	[α] _D ²⁵ = +23.2° (C=4 in CHCl ₃)
Infrared Spectrum	Conforms to structure
Purity by HPLC	99.1%
Purity by TLC	> 99%
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