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Certificate of Analysis

Catalog Number	05352
Product Name	Boc-S-acetamidomethyl-D-cysteine Boc-D-Cys(Acm)-OH
Lot Number	121216-30513
CAS Registry Number	138775-00-5
Molecular Formula	C ₁₁ H ₂₀ N ₂ O ₅ S
Molecular Weight	292.3
Appearance	White powder
Melting point	110.8-114.2 °C
Solubility	Clear solution (0.3g in 2mL MeOH)
Optical rotation	$[\alpha]_D^{20} = +30.5^\circ$ (C=1 in MEOH)
IR spectrum	Conforms to structure
NMR spectrum	Conforms to structure
Mass spectrum	Conforms to standard
Loss on drying	0.06% (50 °C, 2h)
Water content (K.F.)	0.146%
Purity (HPLC)	99.39%
Storage	Store at 0-8°C
Remarks	See Material Safety Data Sheets 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