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Certificate of Analysis

Product	97306 - Fmoc-S-Acetamido Methyl-L-Cysteine (Fmoc-Cys(Acm)-OH) extrapure, 98% - [86060-81-3]
Batch No	2595518
Analysis Date	15-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2029
Molecular Formula	C ₂₁ H ₂₂ N ₂ O ₅ S
Molecular Weight	414.48

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to Slight yellow to Beige	White
Appearance (Form)	Powder	Powder
Solubility (Turbidity) 15% in DMF	Clear	Clear
Assay (Neutralization titration, on anhydrous basis)	min. 98.0%	99.2%
Specific rotation (α) @ 20°C (C=1, MeOH) (on anhydrous basis)	-30.5° to -33.5°	-32.794°
Melting Point	151-155°C	152.8°C
Water (KF)	max. 5%	4.3%

FRM/82/11/4/97306 Rev No. 1 Date 15/04/2024

Prepared by Dhanashree

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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