



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-397273
Lot Number: SAMPLE
Product Name: monodisperse Mal-PEG₄-NHS-ester
CAS Number: 756525-99-2
Molecular Formula: C₂₂H₃₁N₃O₁₁
Molecular Weight: 513.50

Test	Specification	Result
Appearance	Colorless to dark brown-yellow and clear to clear viscous liquid(oil)	Almost colorless viscous liquid(oil)
Assay (qNMR)	≥ 90.0%	93.8%
Identification (1H-NMR)	Consistent with structure	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Carbon Content	51.46%	50.71%
Hydrogen Content	6.08%	5.98%
Nitrogen Content	8.18%	8.04%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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