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CERTIFICATE OF ANALYSIS

Catalog Number E121
Product Name Poly (A) [Polyadenylic acid]
Lot Number PA312727Z
Molecular Weight 100-500 kDa

TEST	LOT DATA	SPECIFICATION
Appearance	Lyophilized white powder	Lyophilized white powder
λ_{max}	248 nm	248 ± 2 nm
Absorbance Ratio	A250/A260 0.88 A280/A260 0.30	A250/A260 0.82-0.92 A280/A260 0.25-0.35
Solution transmittance	99.9%	$\geq 98.0\%$
Loss on drying	3%	$\leq 10.0\%$
Settlement coefficient	>4S	$\geq 4S$
Content (calculated by dry product)	94.44%	$\geq 85.0\%$