



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-202767
Lot Number: SAMPLE
Product Name: Polyinosinic-polycytidylic acid potassium salt
CAS Number: 31852-29-6
Molecular Formula:
Molecular Weight:
Native Source: Synthetic

Test	Specification	Result
Appearance	White lyophilized powder	Complies
Purity (TLC)	≥ 99.00%	99.00%
Solution (Color)	Colorless at 9.80 - 10.20 mg/ml in water	Complies
Solution (Turbidity)	Clear to slightly hazy at 9.80 - 10.20 mg/ml in water	Clear at 9.80 - 10.20 mg/ml in water
A250/A260	0.95 - 1.05	0.98
A280/A260	0.55 - 0.65	0.61
A290/A260	0.25 - 0.35	0.25
Annealing	Pass Concentration: ≥ 0.25 Heating range: 35 - 65 °C	Pass 0.25 35 - 65 °C
Content	Poly [I]- Poly [C] % Pure Product: 8.00 - 12.00%	Poly [I]- Poly [C] 11.22%
E1%	≥ 10.00 at λmax in phosphate buffer pH = 7	13.46 at λmax in phosphate buffer pH = 7
λmax	264 - 266 nm (Phosphate buffer pH = 7)	265 nm (Phosphate buffer pH = 7)
Water Content (KF)	≥ 0.00%	2.40%

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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