

Certificate of Analysis

Date of Testing: 2024-07-03 16:25:02

Date of Next Testing: 2027-07-03 16:25:02

Product Name: **Polyinosinic-polycytidylic acid potassium salt**

CAS Number: 31852-29-6

Specifications & Purity: 99% (less than 1% free nucleotides, TLC) , with buffer salts

Lot #: J2106046

SKU #: **P169534**

Version: **0**

Analysis #: **380034**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(TLC)	99-100 (%)	99.99%
$\lambda_{\max}$ (In PBS)	264-266 (nm)	265.00 nm
A250/A260 UV Absorbance	0.95-1.05	0.95
Content (Poly [I]- Poly [C] By UV)	8-12 (%)	9.48 %
A290/A260 UV Absorbance	0.25-0.35	0.27
A280/A260 UV Absorbance	0.55-0.65	0.60
Em (E1% at λ Max)	≥ 10	11.38
Appearance (P169534)	White lyophilized Powder	White lyophilized Powder
Solubility in H ₂ O , Colorless,clear to slightly Hazy(9.80-10.20mg/ml)	pass	Pass



John Su
QA & QC Manager