

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-21 13:20:30  
Date of Next Testing: 2026-12-20 13:20:30  
Product Name: **Polyuridylic acid potassium salt**  
CAS Number: 27416-86-0  
Specifications & Purity: 98%  
Lot #: L2315456  
SKU #: **P350073**  
**Analysis:** **300604**  
Storage Temperature: Store at -20°C

| Parameter   | Limit Values             | Result                   |
|---|--------------------------|--------------------------|
| UV Absorbance: E1%, 258 - 262 nm (0.1 M phosphate buffer, pH 7.0) | 230-270                  | 260.00000                |
| UV Absorbance 250/260nm (0.1 M phosphate buffer, pH 7.0)          | 0.72-0.82                | 0.79000                  |
| UV Absorbance 280/260nm (0.1 M phosphate buffer, pH 7.0)          | 0.29-0.39                | 0.34000                  |
| UV Absorbance 290/260nm (0.1 M phosphate buffer, pH 7.0)          | 0.02-0.07                | 0.04000                  |
| Purity(HPLC area)   | 98-100 (%)               | 98.00 %                  |
| Infrared spectrum   | Conforms to Structure    | Conforms to Structure    |
| ICP:Confirms Potassium Component                                  | Confirmed                | Confirmed                |
| Appearance(P350073)   | White Lyophilized Powder | White lyophilized Powder |



John Su  
QA & QC Manager