

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
Polyuridylic acid potassium salt

Product Number: **P9528**  
CAS Number: 27416-86-0

Storage Temperature: -20 °C

TEST	Specification
Appearance (Form)	Lyophilized Powder
Appearance (Colour)	White
Solubility (Solvent)	Water
Solubility (Conc)	19.60 - 20.40 mg/ml
Solubility (Turbidity)	Clear to Slightly Hazy
Solubility (Color)	Colorless
Purity (TLC)	≥ 98.00 %
UV (Solvent)	PBS
UV (Lambda max)	258 - 262 nm
UV (E1% at Lambda max)	230.00 - 270.00
A250/A260 UV Absorption	0.72 - 0.82
A280/A260 UV Absorption	0.29 - 0.39
A290/A260 UV Absorption	0.02 - 0.07
Water (by Karl Fischer)	≤ 10.00 %
Recommended Retest Period	-----
3 Years	

Specification: PRE.1.ZQ5.10000001134

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.