

## Certificate of Analysis

Date of Testing: 2024-04-16 09:24:13  
Date of Next Testing: 2026-04-06 09:24:13  
Product Name: **Paraffin liquid**  
CAS Number: 8042-47-5  
Specifications & Purity: for molecular biology  
Lot #: G2219775  
SKU #: **P104804**  
**Analysis: 342105**

Parameter	Limit Values	Result
Nickel(Ni)	0-5 (ppm)	2.50 ppm
Magnesium(Mg)	0-5 (ppm)	2.42 ppm
Lead(Pb)	0-5 (ppm)	3.08 ppm
Iron(Fe)	0-5 (ppm)	2.67 ppm
Potassium(K)	0-50 (ppm)	25.03 ppm
Sodium(Na)	0-50 (ppm)	24.67 ppm
Manganese(Mn)	0-5 (ppm)	3.36 ppm
Zinc(Zn)	0-5 (ppm)	2.08 ppm
Copper(Cu)	0-5 (ppm)	3.28 ppm
Cadmium(Cd)	0-5 (ppm)	3.36 ppm
Calcium(Ca)	0-10 (ppm)	5.08 ppm
UV Absorbance 260nm	0-0.7	0.14
Cobalt(Co)	0-5 (ppm)	2.50 ppm
UV Absorbance 280nm	0-1	0.19
Chromium(Cr)	0-5 (ppm)	2.67 ppm
Appearance (P104804)	Colorless Liquid	Colorless liquid
DNases	none detected	none detected
Infrared spectrum	Conforms to Structure	Conforms to Structure
Insoluble matter	pass	Pass
phosphatases	none detected	none detected
proteases	none detected	none detected
RNases	none detected	none detected



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager