

Certificate of Analysis

Date of Testing: 2023-09-11 15:37:43
 Date of Next Testing: 2025-08-31 15:37:43
 Product Name: **Paraffin liquid**
 CAS Number: 8042-47-5
 Specifications & Purity: for molecular biology
 Lot #: I2306726
 SKU #: **P104804**
Analysis: 142365

| Parameter | Limit Values | Result |
|----------------------|-----------------------|-----------------------|
| Nickel(Ni) | 0-5 (ppm) | 5.00 ppm |
| Magnesium(Mg) | 0-5 (ppm) | 5.00 ppm |
| Lead(Pb) | 0-5 (ppm) | 5.00 ppm |
| Iron(Fe) | 0-5 (ppm) | 5.00 ppm |
| Potassium(K) | 0-50 (ppm) | 50.00 ppm |
| Sodium(Na) | 0-50 (ppm) | 50.00 ppm |
| Manganese(Mn) | 0-5 (ppm) | 5.00 ppm |
| Zinc(Zn) | 0-5 (ppm) | 5.00 ppm |
| Copper(Cu) | 0-5 (ppm) | 5.00 ppm |
| Cadmium(Cd) | 0-5 (ppm) | 5.00 ppm |
| Calcium(Ca) | 0-10 (ppm) | 10.00 ppm |
| UV Absorbance 260nm | 0-0.7 | 0.14 |
| Cobalt(Co) | 0-5 (ppm) | 5.00 ppm |
| UV Absorbance 280nm | 0-1 | 0.19 |
| Chromium(Cr) | 0-5 (ppm) | 5.00 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 |



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager