

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-27 08:32:11
Date of Next Testing: 2028-06-26 08:32:11
Product Name: **Pyrene**
CAS Number: 129-00-0
Specifications & Purity: puriss. p.a., for fluorescence analysis, ≥99%(GC)
Lot #: F2625483
SKU #: **P755452**
Version: **1**
Analysis #: **729254**
Storage Temperature: Protected from light, Room temperature

| Parameter | Limit Values | Result |
|-----------------------------|--|--|
| Purity(GC) | 99-100 (%) | 99.30000 % |
| Melting point | 145-154 (°C) | 151.00000 °C |
| Wavelength(1)(UV)(Ethanol) | 334-335 (nm) | 334.00000 nm |
| Wavelength(2)(UV)(Ethanol) | 318-320 (nm) | 319.00000 nm |
| Wavelength(3)(UV)(Ethanol) | 272-273 (nm) | 272.00000 nm |
| Fluorescence(Emmission Max) | 370-380 (nm) | 373.00000 nm |
| Calcium(Ca) | 0-50 (ppm) | 0.52600 ppm |
| Cadmium(Cd) | 0-50 (ppm) | 0.67200 ppm |
| Cobalt(Co) | 0-50 (ppm) | 0.23500 ppm |
| Chromium(Cr) | 0-50 (ppm) | 0.10500 ppm |
| Copper(Cu) | 0-50 (ppm) | 0.10500 ppm |
| Iron(Fe) | 0-50 (ppm) | 0.02500 ppm |
| Potassium(K) | 0-50 (ppm) | 0.41800 ppm |
| Magnesium(Mg) | 0-50 (ppm) | 0.02520 ppm |
| Manganese(Mn) | 0-50 (ppm) | 0.52600 ppm |
| Sodium(Na) | 0-50 (ppm) | 0.01825 ppm |
| Nickel(Ni) | 0-50 (ppm) | 0.16300 ppm |
| Lead(Pb) | 0-50 (ppm) | 0.02520 ppm |
| Zinc(Zn) | 0-50 (ppm) | 0.00252 ppm |
| Appearance(P755452) | White to Light Yellow Powder or Crystals | White to Light Yellow Powder or Crystals |
| Carbon NMR Spectrum | Conforms to structure | Conforms to Structure |



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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