

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-13 13:31:29

Date of Next Testing: 2027-11-13 13:31:29

Product Name: **p-Phenylene diisothiocyanate(PDITC)**

CAS Number: 4044-65-9

Specifications & Purity:  $\geq 98\%$

Lot #: K2507140

SKU #: **P131498**

Version: **0**

Analysis #: **608874**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter                                                                          | Limit Values                                         | Result                                               |
|------------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| Nitrogen by Elemental Analysis                                                     | 13.7-14.9 (%)                                        | 13.80000 %                                           |
| Carbon by Elemental Analysis                                                       | 48.4-51.2 (%)                                        | 48.50000 %                                           |
| Purity(HPLC)                                                                       | 98-100 (%)                                           | 98.08100 %                                           |
| Melting point                                                                      | 129-133 (°C)                                         | 130.95000 °C                                         |
| Appearance (P131498)                                                               | White to Yellow or Grey Solid,<br>Powder or Crystals | White to Yellow or Grey Solid,<br>Powder or Crystals |
| Proton NMR spectrum                                                                | Conforms to Structure                                | Conforms to Structure                                |
| Solubility in CHCL <sub>3</sub> , Yellow to Brown, Clear to Slightly Hazy, 50mg/ml | pass                                                 | Pass                                                 |



John Su  
QA & QC Manager