

## Certificate of Analysis

Date of Testing: 2023-07-10 13:23:06

Date of Next Testing: 2027-07-09 13:23:06

Product Name: **1,4-Dihydronaphthalene**

CAS Number: 612-17-9

Specifications & Purity: >80.0%(GC)

Lot #: I1918114

SKU #: **D155281**

Analysis: **249315**

| Parameter                          | Limit Values          | Result                |
|------------------------------------|-----------------------|-----------------------|
| Refractive index n <sub>20/D</sub> | 1.561-1.565           | 1.56                  |
| Purity(GC)                         | 80-100 (%)            | 85.25 %               |
| Density (20°C)                     | 1-1.004               | 1.00                  |
| Proton NMR spectrum                | Conforms to Structure | Conforms to Structure |

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

John Su  
QA & QC Manager