

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-04 17:15:34

Date of Next Testing: 2027-09-03 17:15:34

Product Name: **Valerophenone**

CAS Number: 1009-14-9

Specifications & Purity:  $\geq 98\%$

Lot #: H2328829

SKU #: **V107009**

Version: **1**

Analysis #: **262587**

Storage Temperature: Room temperature

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Purity(GC)                          | 98-100 (%)                       | 99.75000 %                       |
| Density (20°C)                      | 0.974-0.976                      | 0.97500                          |
| Refractive index n <sub>20</sub> /D | 1.514-1.516                      | 1.51480                          |
| Appearance (V107009)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                 | Conforms to Structure            | Conforms to Structure            |

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

John Su  
QA & QC Manager