

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-28 11:09:21

Date of Next Testing: 2027-12-27 11:09:21

Product Name: **Valeric Anhydride**

CAS Number: 2082-59-9

Specifications & Purity: 97%

Lot #: B1823061

SKU #: **V162930**

**Analysis:** **308360**

Storage Temperature: Argon charged

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Purity(GC)                          | 97-100 (%)                       | 97.77 %                          |
| Refractive index n <sub>20</sub> /D | 1.419-1.423                      | 1.42                             |
| Appearance (V162930)                | 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