

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-15 13:29:45

Date of Next Testing: 2029-04-14 13:29:45

Product Name: **Chlormadinone Acetate**

CAS Number: 302-22-7

Specifications & Purity:  $\geq 97\%$ (HPLC)

Lot #: I1712022

SKU #: **C153375**

Version: **2**

Analysis #: **495497**

Storage Temperature: Store at -20°C

| Parameter                                                             | Limit Values                               | Result                                     |
|-----------------------------------------------------------------------|--------------------------------------------|--------------------------------------------|
| Purity(HPLC)                                                          | 97-100 (%)                                 | 98.25000 %                                 |
| Melting point                                                         | 206-210 (°C)                               | 207.29800 °C                               |
| Specific Rotation $[\alpha]_{20/D}(c=0.2\text{g/ml in Acetonitrile})$ | -14--10 (°)                                | -10.02500 °                                |
| Proton NMR spectrum                                                   | Conforms to Structure                      | Conforms to Structure                      |
| Appearance(C153375)                                                   | White to Orange to Green powder to crystal | White to Orange to Green powder to crystal |

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

John Su  
QA & QC Manager