

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-15 10:40:48  
 Date of Next Testing: 2029-12-14 10:40:48  
 Product Name: **K-252a**  
 CAS Number: 99533-80-9  
 Specifications & Purity:  $\geq 97\%$ (HPLC)  
 Lot #: B2217058  
 SKU #: **K139531**  
 Version: **1**  
 Analysis #: **619178**  
 Storage Temperature: Protected from light, Store at -20°C, Argon charged

| Parameter                                                                                    | Limit Values                    | Result                          |
|----------------------------------------------------------------------------------------------|---------------------------------|---------------------------------|
| Purity(HPLC, RP C18, CH <sub>3</sub> CN: H <sub>2</sub> O 0% $\approx$ 100% in 20min. 292nm) | 98-100 (%)                      | 99.99800 %                      |
| Purity(TLC, RP C18 MeOH: H <sub>2</sub> O 9:1)                                               | 98-100 (%)                      | 99.99800 %                      |
| Purity(TLC, CH <sub>2</sub> Cl <sub>2</sub> : MeOH 9: 1)                                     | 98-100 (%)                      | 99.99800 %                      |
| Purity(HPLC)                                                                                 | 97-100 (%)                      | 97.96100 %                      |
| Appearance (K139531)                                                                         | off white to light yellow solid | off white to light yellow solid |
| Lambda max (MeOH) , 208, 250, 289, 334, 367nm                                                | pass                            | Pass                            |
| Solubility in CH <sub>2</sub> Cl <sub>2</sub> , Clear colorless solution, 5mg/ml             | pass                            | Pass                            |
| Proton NMR spectrum                                                                          | Conforms to structure           | Conforms to Structure           |



John Su  
QA & QC Manager