

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-02 14:46:37  
 Date of Next Testing: 2026-11-01 14:46:37  
 Product Name: **Tropine**  
 CAS Number: 120-29-6  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: J2229679  
 SKU #: **T101251**  
 Version: **1**  
 Analysis #: **124594**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter             | Limit Values                             | Result                                   |
|-----------------------|------------------------------------------|------------------------------------------|
| Sulfate Ash           | 0-0.1 (%)                                | 0.05000 %                                |
| Water by Karl Fischer | 0-3 (%)                                  | 0.95360 %                                |
| Purity(GC)            | 98-100 (%)                               | 98.48500 %                               |
| Appearance (T101251)  | White to Light Yellow Powder or Crystals | White to Light Yellow Powder or Crystals |
| Proton NMR spectrum   | Conforms to Structure                    | Conforms to Structure                    |



John Su  
QA & QC Manager