

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-20 13:52:18  
 Date of Next Testing: 2028-11-19 13:52:18  
 Product Name: **Pyrrolidine-2-thione**  
 CAS Number: 2295-35-4  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: K2420102  
 SKU #: **P140459**  
 Version: **1**  
 Analysis #: **429091**  
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

| Parameter                | Limit Values                      | Result                            |
|--------------------------|-----------------------------------|-----------------------------------|
| Purity(HPLC area)        | 97-100 (%)                        | 99.34500 %                        |
| Appearance (P140459)     | white to brown crystals or powder | white to brown crystals or powder |
| Proton NMR spectrum      | Conforms to Structure             | Conforms to Structure             |
| LC-MS for identification | Conforms                          | Conforms                          |



John Su  
QA & QC Manager