

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-13 17:38:43

Date of Next Testing: 2027-05-12 17:38:43

Product Name: **(R)-3-Pyrrolidinol**

CAS Number: 2799-21-5

Specifications & Purity:  $\geq 99\%$

Lot #: E2310836

SKU #: **P121669**

Version: **0**

Analysis #: **144384**

Storage Temperature: Room temperature, Argon charged

| Parameter                                                | Limit Values               | Result                     |
|----------------------------------------------------------|----------------------------|----------------------------|
| Specific Rotation $[\alpha]_{20/D}(c=3 \text{ in MeOH})$ | 4-7 (°)                    | 6.04900°                   |
| Refractive index $n_{20/D}$                              | 1.489-1.493                | 1.48980                    |
| Purity(GC)                                               | 99-100 (%)                 | 99.31800 %                 |
| Appearance (P121669)                                     | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Proton NMR spectrum                                      | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager