

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-02-04 15:43:09

Date of Next Testing: 2027-02-03 15:43:09

Product Name: **Notoginsenoside R1**

CAS Number: 80418-24-2

Specifications & Purity:  $\geq 98\%$ (HPLC)

Lot #: A2426223

SKU #: **N465012**

Version: **1**

Analysis #: **308320**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                     | Limit Values                          | Result                                |
|---------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Purity(HPLC area)                                             | 98-100 (%)                            | 99.64400 %                            |
| Appearance(N465012)                                           | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| LC-MS for identification                                      | Conforms                              | Conforms                              |
| Solubility in H <sub>2</sub> O , clear and colorless (1mg/ml) | pass                                  | Pass                                  |
| NMR Spectrum 1H                                               | Conforms to structure                 | Conforms to Structure                 |



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QA & QC Manager