CERTIFICATE OF ANALYSIS

Notoginsenoside R1

[Catalog No.] CFN99999

[CAS No.] 80418-24-2

[**Purity**] 98%

 $[M.F]C_{47}H_{80}O_{18}$

[Physical Description] Powder

[Solvent] DMSO, Pyridine, Methanol, Ethanol, etc.

[**Weight**] 20mg

[Lot No.] CFS201502

[**Storage**] Protected from air and light, refrigerate or freeze(2-8 °C)

[Intended Use] For laboratory use only

[Shelf Life] 2 years

HO OH HO OH HO OH

[Chemical Structure]

[Characterization Data Summary]

| Analytical Test | Results |
|---|-------------------------------------|
| Identification by ¹ H-NMR, ¹³ C-NMR | Consistent with the above structure |
| Purity tested | 98% |

Authorized Signature:

Date: