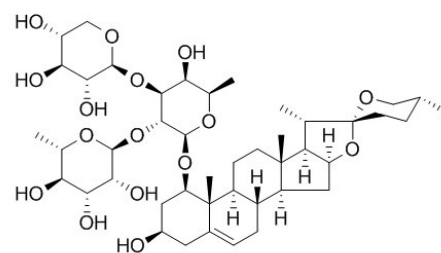


CERTIFICATE OF ANALYSIS

| | |
|-----------------------------|--|
| Name | Ophiopogonin D |
| Catalog No. | RS883404 |
| CAS No. | 41753-55-3 |
| Purity | >=98% |
| Weight | 20mg |
| Formula | C ₄₄ H ₇₀ O ₁₆ |
| Molecular Weight | 855.02 |
| Physical Description | Powder |
| Application | Reference Standard |
| Solvent | Methanol and acetonitrile |
| Lot No. | RS883404-01 |
| Shelf Life | 2 Years |
| Date Of Report | Dec 07, 2017 |
| Storage | Providing storage is as stated on the product vial and the vial is kept tightly sealed, the product can be stored for up to 24 months(2-8 °C) |
| After receiving | The packaging of the product may have turned upside down during transportation, resulting in the natural compounds adhering to the neck or cap of the vial. take the vial out of its packaging and gently shake to let the compounds fall to the bottom of the vial. |



Analytical Results

| Test | Specification | Results |
|----------------|---------------|--------------|
| Appearance | Off - Powder | Off - Powder |
| Loss on drying | < 3% | 0.3% |

| Test | Results |
|-----------------------|-------------------------------------|
| Identification by NMR | Consistent with the above structure |
| Purity by HPLC | >=98% |

QA Signature:

Date: Dec 07, 2017