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## Certificate of Analysis

**Product Name:** Anemarsaponin E

**Other Name:**

**Catalogue No.:** BP0167

**Batch No.:** 13090302

**Report date** 2013-09-03

**CAS Number:** 136565-73-6

**Mol. Formula:** C<sub>46</sub>H<sub>78</sub>O<sub>19</sub>

**Mol. Weight:** 935.111

**Identification Method:** Mass, NMR

**Analysis Method of Purity:** HPLC-DAD

**Analytical result:**

| Test           | Specification | Results      |
|----------------|---------------|--------------|
| Appearance     | white powder  | white powder |
| Loss on drying | <3.0%         | 1.3%         |
| Purity         | ≥98.0%        | 98.59%       |

\* Please find HPLC chromatography attached.

**Package:** Brown vial or HDPE Plastic Bottle

**Storage:** Cool and Dry place, protected from light, keep package airtight when not in use.

**Expiration:** two years (2015-09-02) under conditions list above.

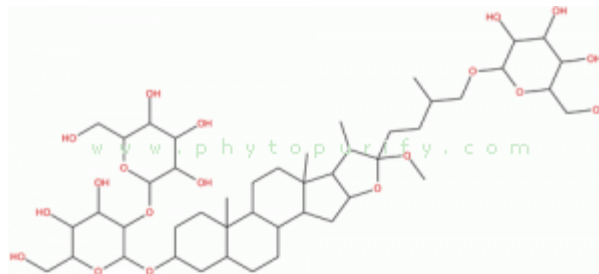
QC: *Meng Pan*

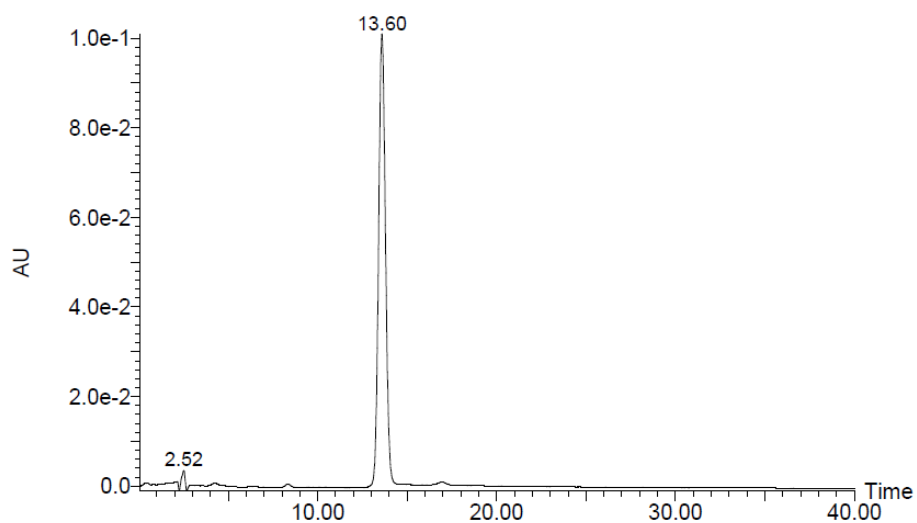
Date: 2013-09-03

QA: *Lianglei Zhang*

Date: 2013-09-03

**Structure:**





**Results:**

|       | Time  | Height | Area     | Area% |
|-------|-------|--------|----------|-------|
| Peak1 | 8.33  | 662    | 258.56   | 0.56  |
| Peak2 | 13.60 | 96011  | 45453.81 | 98.59 |
| Peak3 | 16.95 | 658    | 391.79   | 0.85  |