



成都普瑞法科技开发有限公司  
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## Certificate of Analysis

**Product Name:** atractyloside A

**Other Name:** atractyloside A

**Catalogue No.:** BP0218

**Batch No.:** 14102910

**Report date:** 2014-10-29

**CAS Number:** 126054-77-1

**Mol. Formula:** C<sub>21</sub>H<sub>36</sub>O<sub>10</sub>

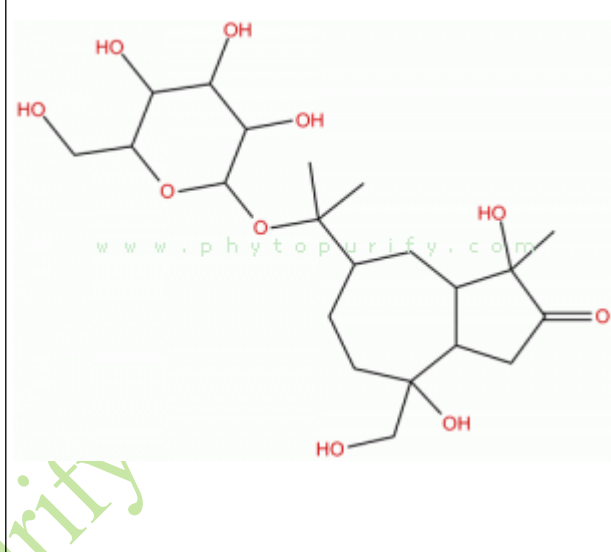
**Mol. Weight:** 448.509

**Type of compound:**

**Identification Method:** Mass, NMR

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

**Structure:**



**Analytical result:**

| Test                 | Specification | Results      |
|----------------------|---------------|--------------|
| Appearance           | White powder  | White powder |
| Loss on drying       | <3.0%         | 1.3%         |
| Purity (HPLC-ELSD) * | ≥98.0%        | 98.09%       |

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

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

**Expiration:** two years (2016-10-28) under conditions list above.

QC: *Meng Pan*

Date: 2014-10-29

QA: *Lianglei Zhang*

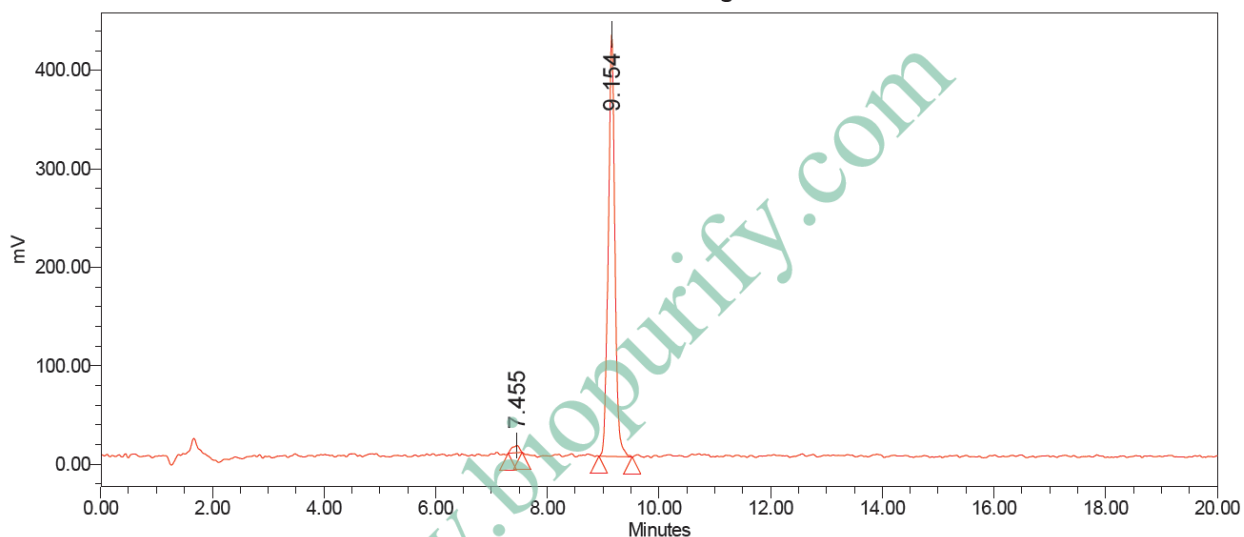
Date: 2014-10-29



### SAMPLE INFORMATION

|                   |                          |                     |                 |
|-------------------|--------------------------|---------------------|-----------------|
| Sample Name:      | Atractyloside A 14102910 | Acquired By:        | panmeng         |
| Sample Type:      | Unknown                  | Sample Set Name:    |                 |
| Vial:             | 1:A,7                    | Acq. Method Set:    | Atractyloside A |
| Injection #:      | 1                        | Processing Method:  | Samples         |
| Injection Volume: | 12.00 ul                 | Channel Name:       | SATIN           |
| Run Time:         | 20.0 Minutes             | Proc. Chnl. Descr.: |                 |
| Date Acquired:    | 2014-10-29 14:43:23 CST  |                     |                 |
| Date Processed:   | 2014-10-29 15:05:36 CST  |                     |                 |

### Auto-Scaled Chromatogram



### Peak Results

|   | Name | RT    | Area    | % Area | USP Plate Count | USP Resolution |
|---|------|-------|---------|--------|-----------------|----------------|
| 1 |      | 7.455 | 68259   | 1.91   | 14057.92        |                |
| 2 |      | 9.154 | 3500372 | 98.09  | 30631.61        | 7.23           |