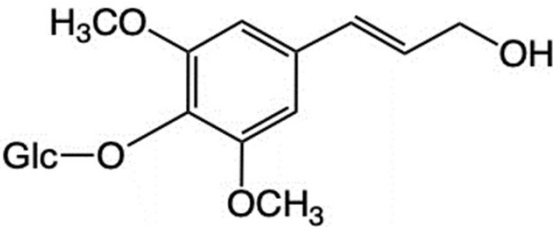


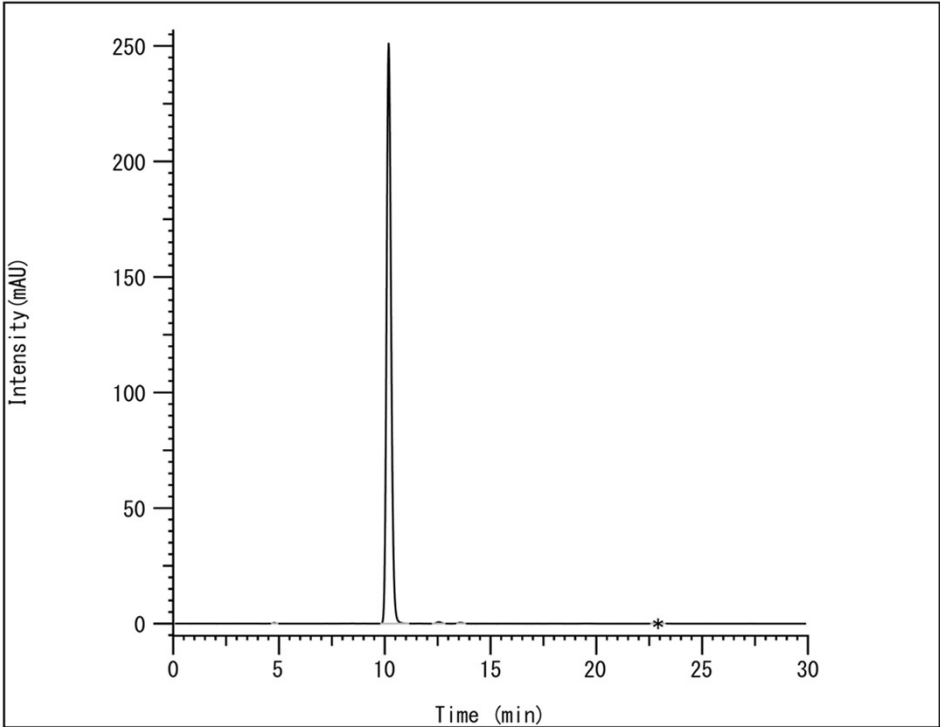
Certificate of Analysis

|               |            |                    |                  |
|---------------|------------|--------------------|------------------|
| Product No.   | 06         | Product Name       | Eleutheroside B  |
| Lot. No.      | 062501     | Unit Quantity      | 20mg             |
| Analysis Date | 2025-09-05 | Storage Conditions | Room temperature |



C<sub>17</sub>H<sub>24</sub>O<sub>9</sub>  
MW : 372.37  
CAS RN: 118-34-3

This product conforms to the specifications in the 18th edition of the Japanese Pharmacopoeia, Reagents, Test Solutions, "Eleutheroside B for liquid chromatography".



| Retention time | Peak area | %      |
|----------------|-----------|--------|
| 4.770          | 2861      | 0.08   |
| 10.187         | 3740903   | 99.37  |
| 12.550         | 10570     | 0.28   |
| 13.567         | 4939      | 0.13   |
| 22.930         | 5531      | 0.15   |
| Total          | 3764804   | 100.00 |

|                 |                                                |
|-----------------|------------------------------------------------|
| Area percentage | : Not less than 98.0%                          |
| Detector        | : An ultraviolet absorption photometer (265nm) |
| Column          | : Wakosil- II 5C18 HG (4.6×150mm)              |

|                                                                                                                                                                 |                          |                                                                             |                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------|-------------------|
| Purity<br>Related substances<br>(HPLC)                                                                                                                          | Column temperature       | A constant temperature of about 50°C.                                       | Passed<br>(99.4%) |
|                                                                                                                                                                 | Mobile phase             | : A mixture of water and acetonitrile(9 : 1).                               |                   |
|                                                                                                                                                                 | Flow rate                | : Adjust so that the retention time of eleutheroside B is about 10 minutes. |                   |
|                                                                                                                                                                 | Time span of measurement | : About 3 times as long as the retention time of eleutheroside B,           |                   |
| Description                                                                                                                                                     |                          |                                                                             | Passed            |
| Identification (UV)                                                                                                                                             |                          |                                                                             | Passed            |
| Water (by coulometric titration)                                                                                                                                |                          |                                                                             | 5.1%              |
| Precautions                                                                                                                                                     |                          |                                                                             |                   |
| Order quantities that can be used immediately, and after receipt of a reference standard, store it at the specified temperature and use it as soon as possible. |                          |                                                                             |                   |
| Expiration Date                                                                                                                                                 |                          | September 2029 (unopened)                                                   |                   |

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