

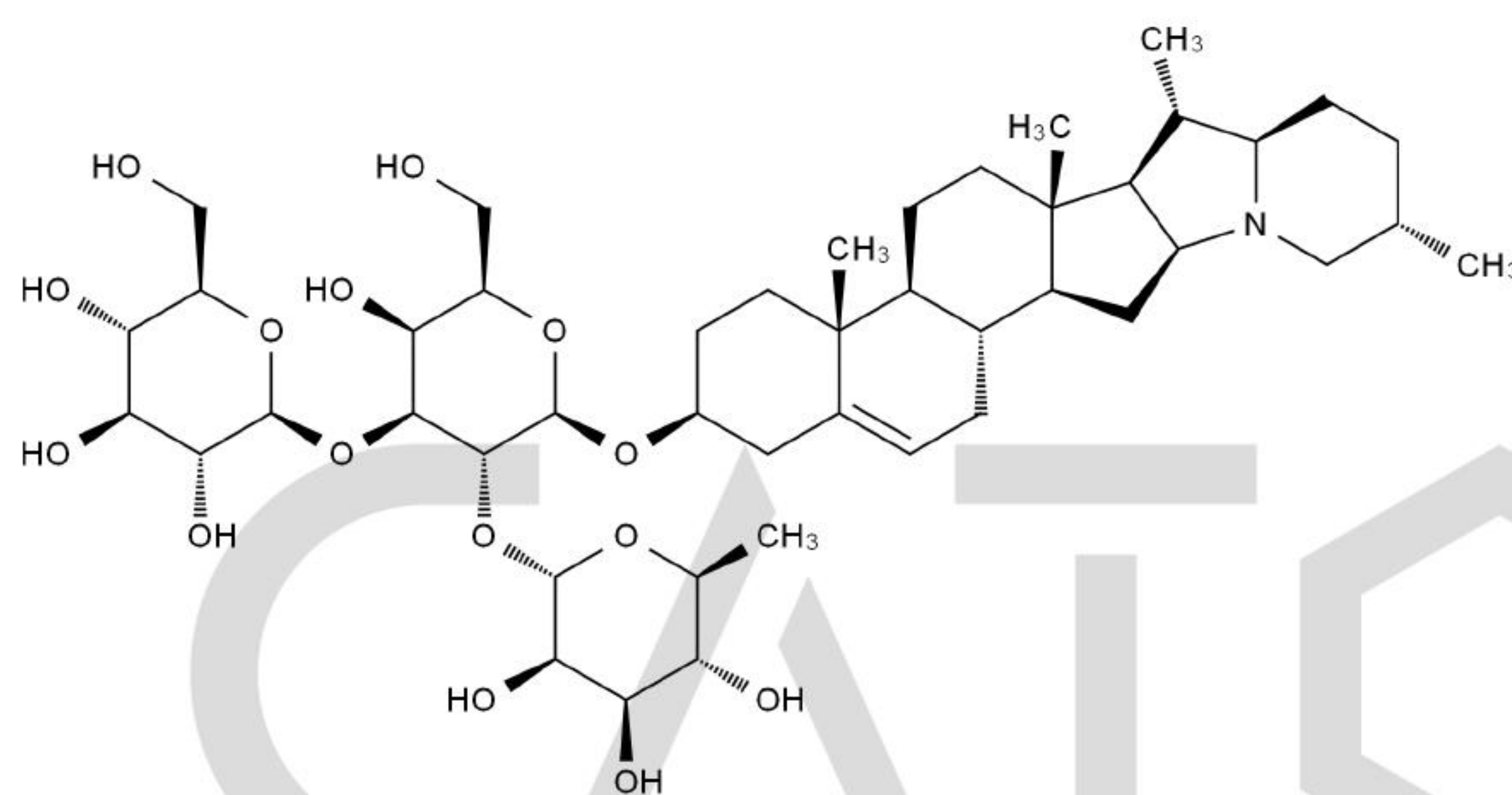
# Certificate of Analysis

## Reference Material & Standard

|                    |                                                  |                   |                                           |
|--------------------|--------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | alpha-Solanine                                   | Catalogue Number: | CCPE901451                                |
| Synonyms:          | N/A                                              | Lot Number:       | 1226-RD-0001                              |
| CAS Number:        | 20562-02-1                                       | Expiry Date:      | Nov 13, 2026                              |
| Molecular Formula: | C <sub>45</sub> H <sub>73</sub> NO <sub>15</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 868.06                                           | Warning:          |                                           |



Chemical Structure:



| Test Items     | Method            | Results      |
|----------------|-------------------|--------------|
| Appearance     | Visual inspection | White Powder |
| Identification | HNMR              | Confirmed    |
| Purity         | HPLC              | 99.4%        |
| Uncertainty    |                   | ±2.0%        |

## Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

## Signature:

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Approved by General Manager:

*David*

Date: Nov 14, 2022

Date: Dec 30, 2022

Date: Dec 30, 2022

