

### Certificate of Analysis

<b>Product Name</b>	23-Hydroxybetulinic acid (23-hydroxybetulinic acid; Anemosapogenin)
<b>Catalog No.</b>	V53142
<b>Batch No.</b>	V5314201

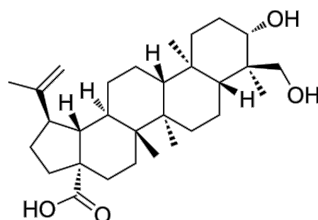
#### 1. Physical and Chemical Properties

<b>Appearance</b>	powder
<b>Molecular Formula</b>	C <sub>30</sub> H <sub>48</sub> O <sub>4</sub>
<b>Molecular Weight</b>	472.70
<b>Purity</b>	≈98.3%
<b>CAS No.</b>	85999-40-2
<b>Production Date</b>	
<b>Retest Date</b>	2028-08-21

#### 2. Analytical Data

Test Item	Specification	Result
HPLC	≥98%	≈98.3%
NMR	Consistent with structure	Confirms
Mass Spectrum	Consistent with structure	Confirms

#### 3. Structure



#### 4. Storage Condition

<b>Storage Condition</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month
<b>Note:</b> This product requires protection from light (avoid light exposure) during transportation and storage.			

Products are for research use only • Not for human or veterinary use

