

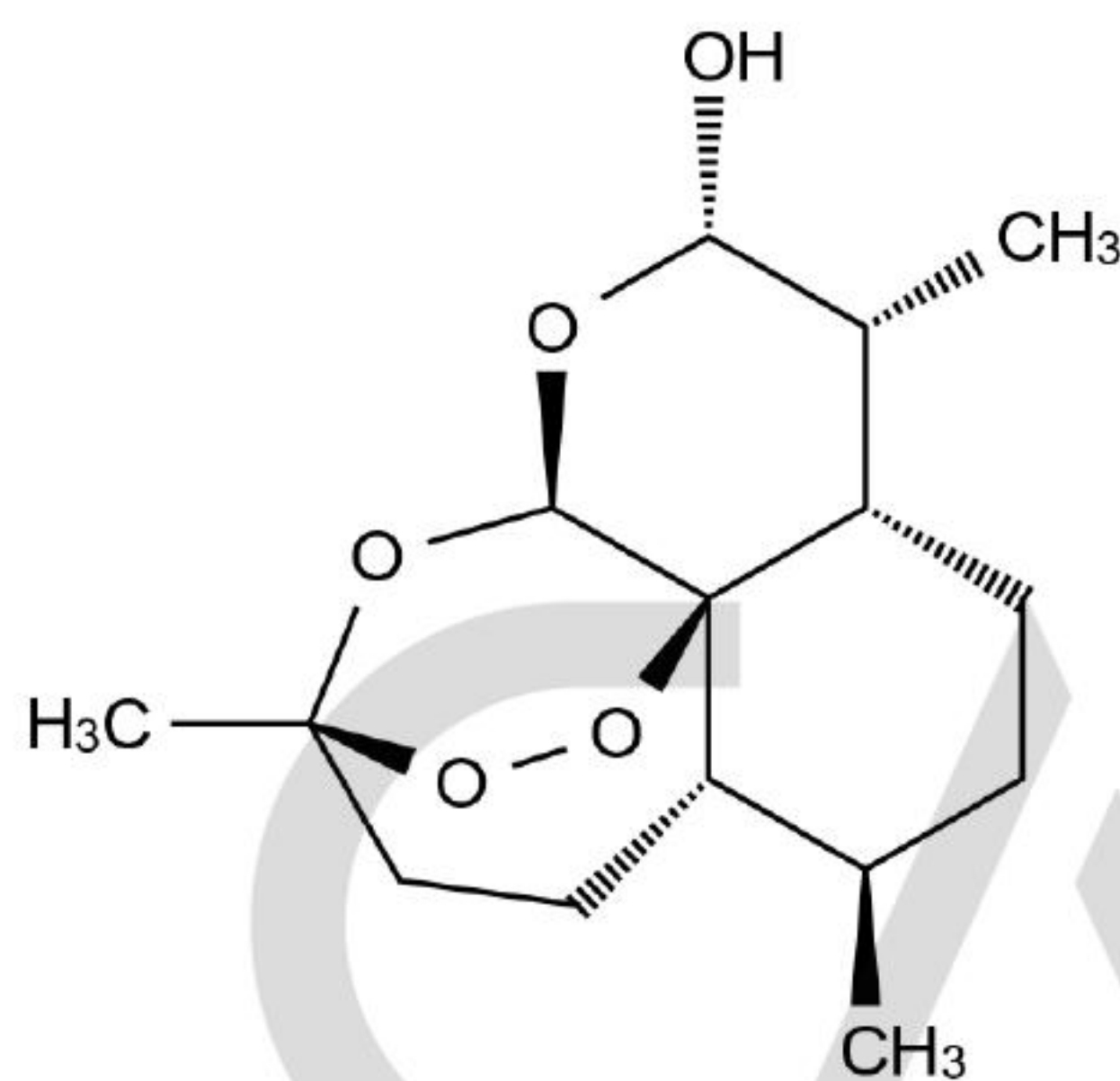
Certificate of Analysis

Reference Material & Standard

Product Name:	Dihydroartemisinin	Catalogue Number:	CCPE900148
Synonyms:	N/A	Lot Number:	0301-RF-0001
CAS Number:	71939-50-9	Expiry Date:	Feb 28, 2027
Molecular Formula:	C ₁₅ H ₂₄ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	284.35	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&HNMR	Confirmed
Purity	ELSD	100.0%
Assay	qNMR	98.5%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
It is a mixture of diastereomers of the hydroxyl position.
2. 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:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Feb 29, 2024

Date: Mar 01, 2024

Date: Mar 01, 2024

