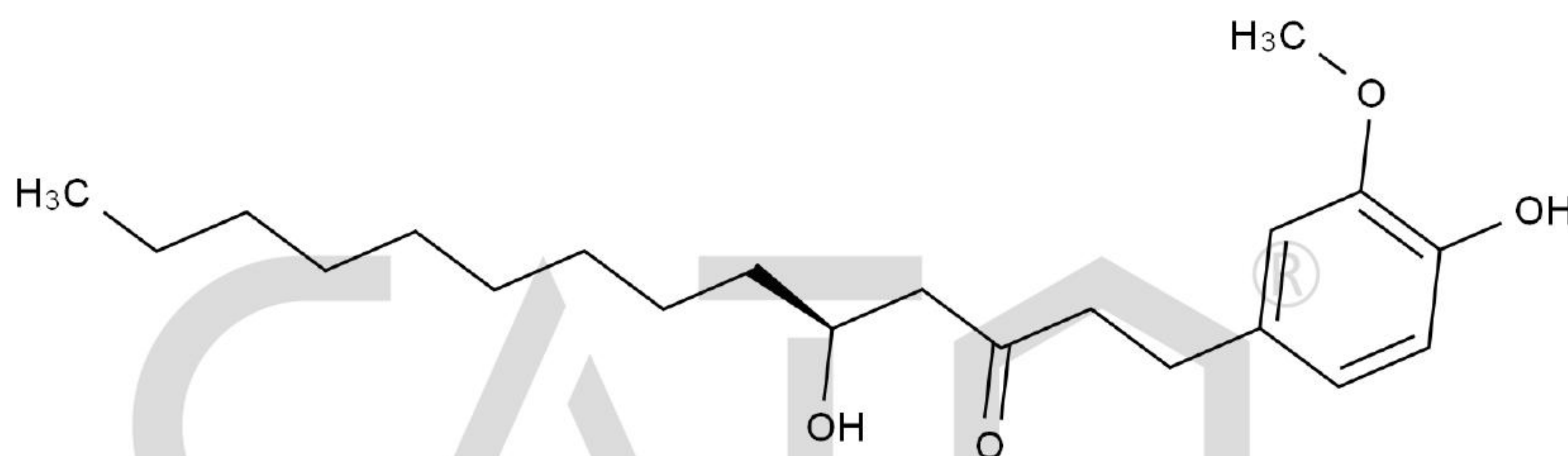


Certificate of Analysis

Reference Material & Standard

Product Name:	10-Gingerol	Catalogue Number:	CCHM700443
Synonyms:	N/A	Lot Number:	0226-RH-0037
CAS Number:	23513-15-7	Expiry Date:	Feb 26, 2030
Molecular Formula:	C ₂₁ H ₃₄ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	350.49	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.887%
Loss On Drying	TGA	0.0544%
Assay		99.8%
Uncertainty		±0.2%

Comment:

- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.
- 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:

Koi

Approved by General Manager:

David

Date: Feb 27, 2026

Date: Feb 28, 2026

Date: Feb 28, 2026



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