

Certificate of Analysis

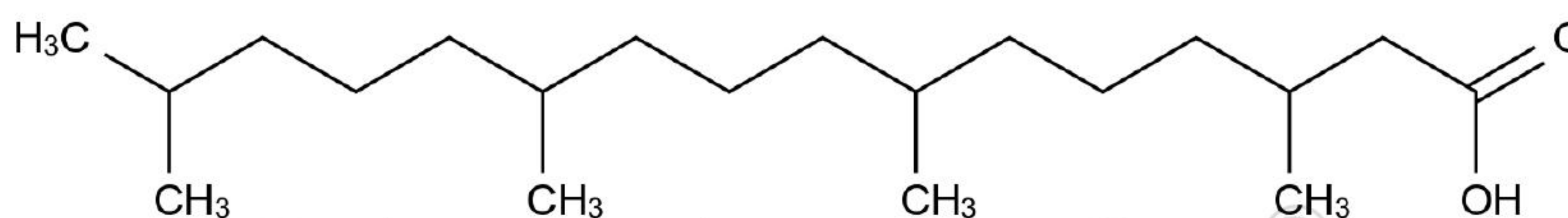
Reference Material & Standard

Product Name:	Phytanic acid	Catalogue Number:	C1314735
Synonyms:	N/A	Lot Number:	0202-RH-0082
CAS Number:	14721-66-5	Expiry Date:	May 10, 2030
Molecular Formula:	C ₂₀ H ₄₀ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	312.53	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Sticky Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.335%
Loss on Drying	TGA	0.0205%
Assay		99.3%

Comment:

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

Assay (%) = (100% - Loss on Drying) * Purity GC (%) / 100%

Loss on Drying is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: May 12, 2026

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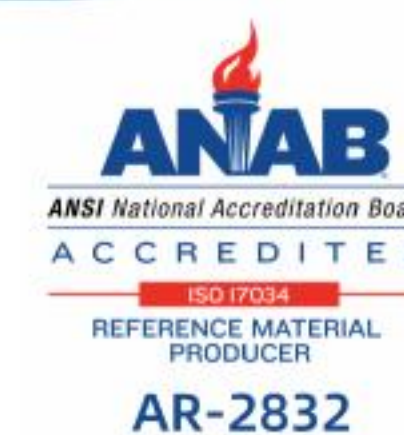
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