

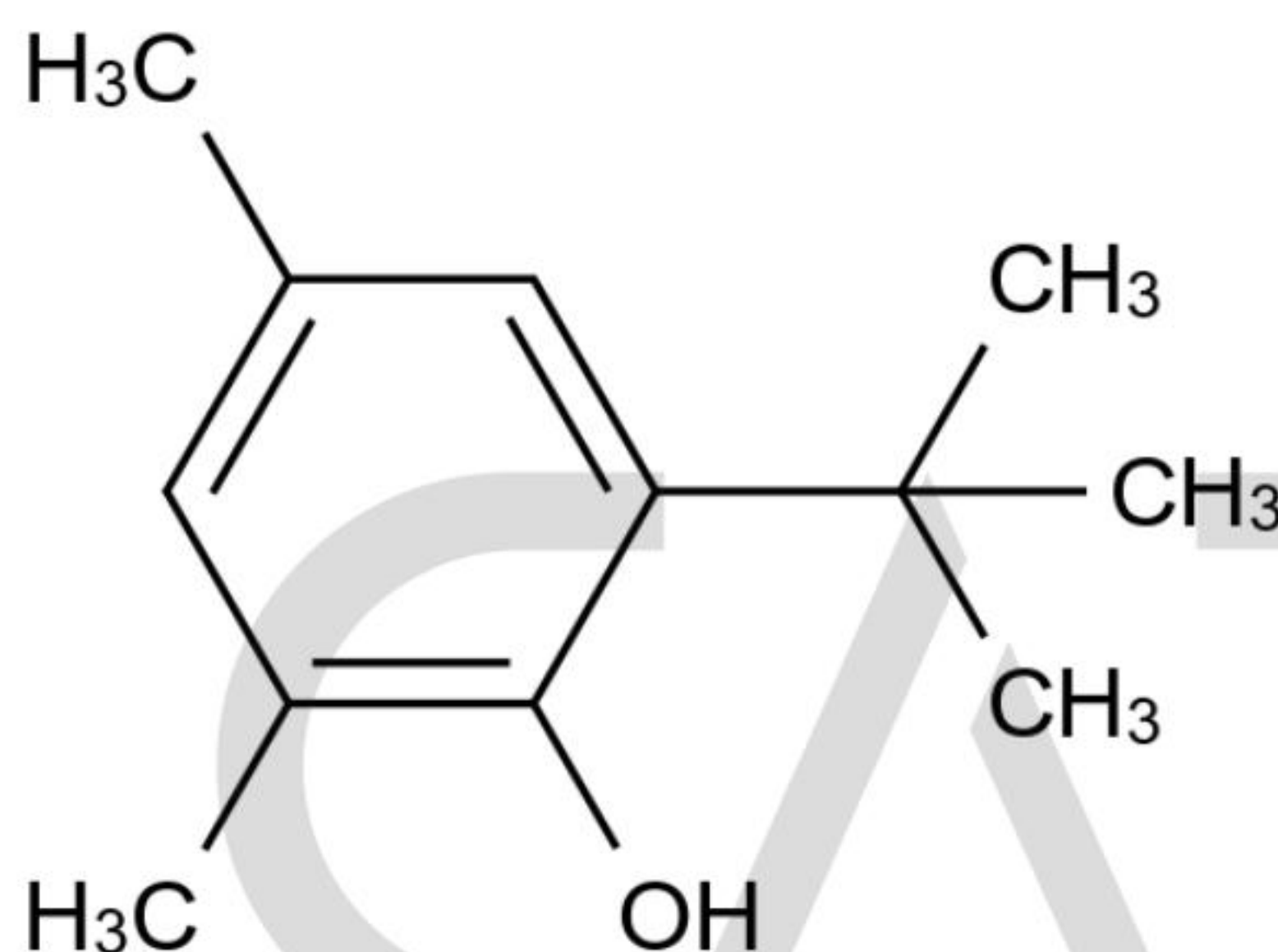
Certificate of Analysis

Reference Material & Standard

Product Name:	2-Tert-Butyl-4,6-Dimethylphenol	Catalogue Number:	CCEM500328
Synonyms:	N/A	Lot Number:	0103-RG-0013
CAS Number:	1879-09-0	Expiry Date:	Jan 06, 2029
Molecular Formula:	C ₁₂ H ₁₈ O	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	178.27	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	99.1%
Assay	qNMR	98.8%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
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: Jan 07, 2025

Date: Jan 07, 2025

Date: Jan 07, 2025

