

Certificate of Analysis

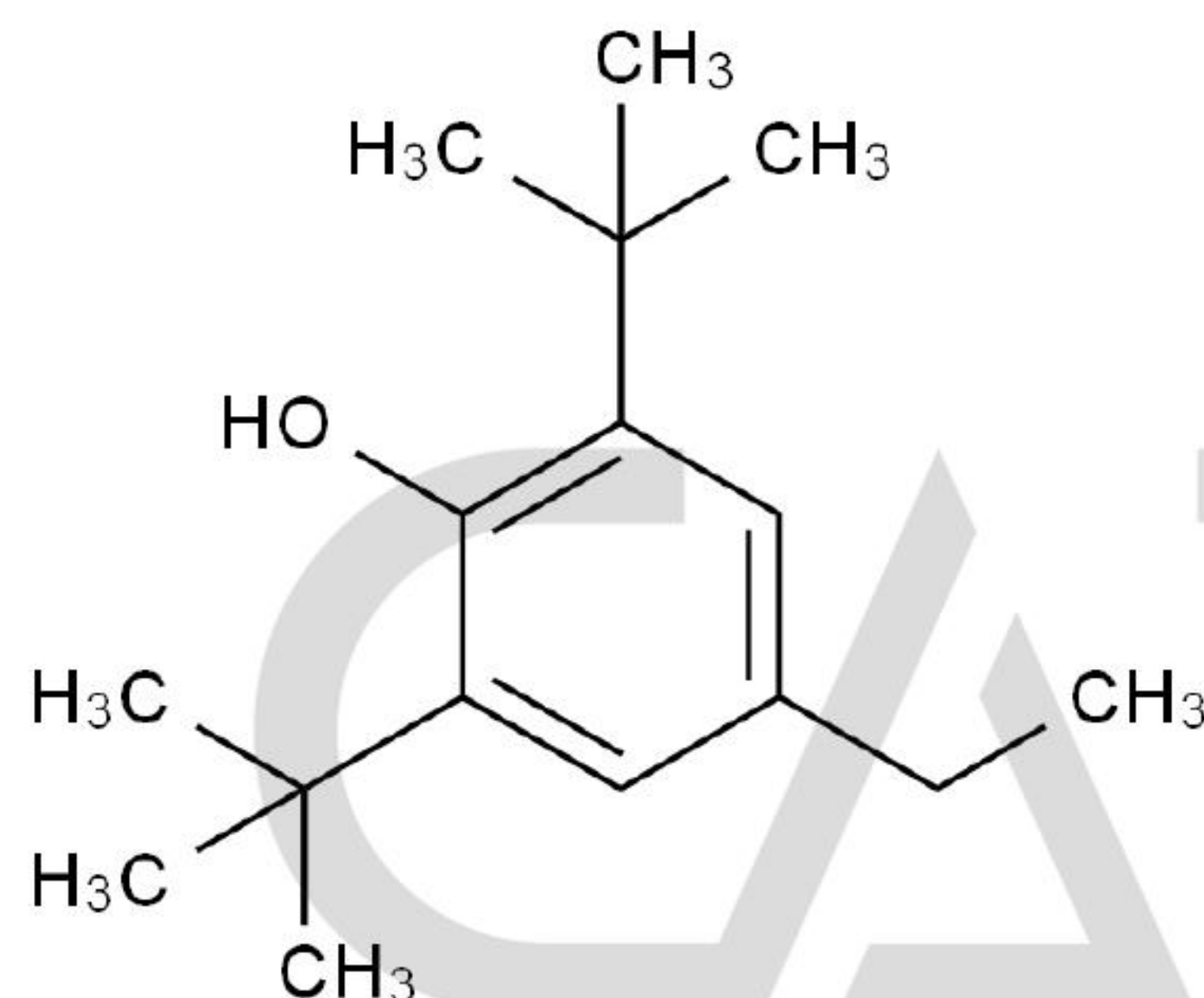
Reference Material & Standard

Product Name:	2,6-Di-tert-butyl-4-ethylphenol	Catalogue Number:	C4X-112716
Synonyms:	N/A	Lot Number:	1021-RG-0001
CAS Number:	4130-42-1	Expiry Date:	Oct 19, 2029
Molecular Formula:	C ₁₆ H ₂₆ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	234.38		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Crystalline Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.110%
Water Content	Karl Fischer	0.3701%
Assay		98.7%

Comment:

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

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Approved by General Manager:

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Date: Oct 21, 2025

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