

Certificate of Analysis

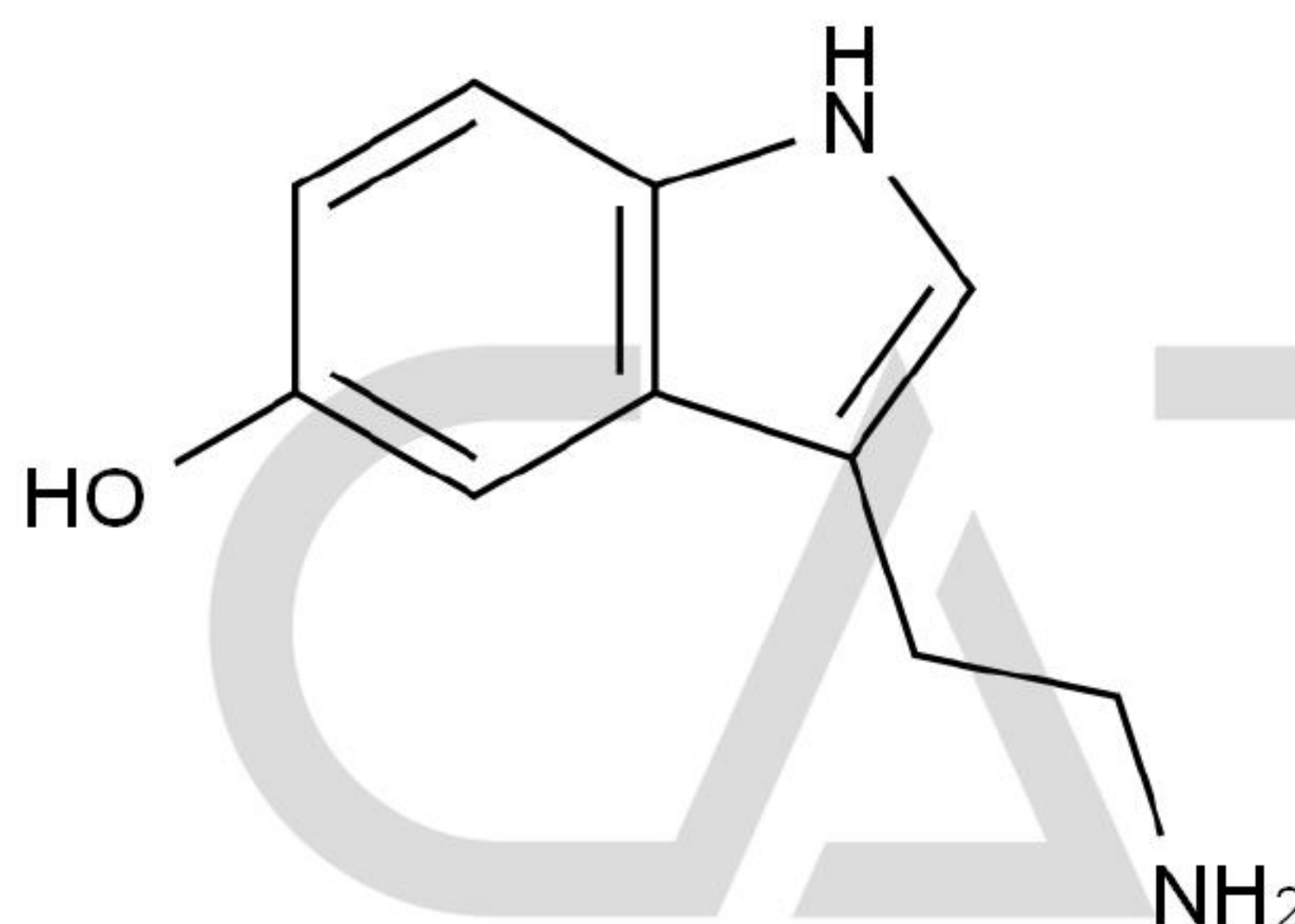
Reference Material & Standard

Product Name:	5-Hydroxytryptamine	Catalogue Number:	CCPE900992
Synonyms:	N/A	Lot Number:	1225-RG-0035
CAS Number:	50-67-9	Expiry Date:	Dec 25, 2029
Molecular Formula:	C ₁₀ H ₁₂ N ₂ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	176.22	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.3%
Assay	qNMR	93.3%
Uncertainty		±1.3%

Comment:

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:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Jun 12, 2026

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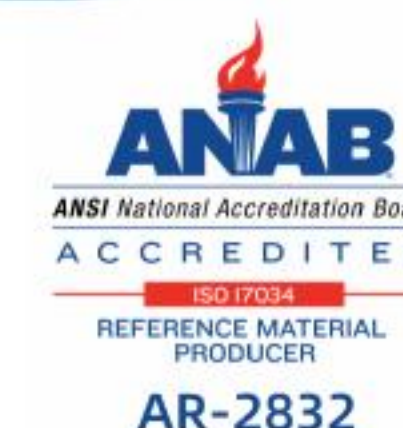
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