

Certificate of Analysis

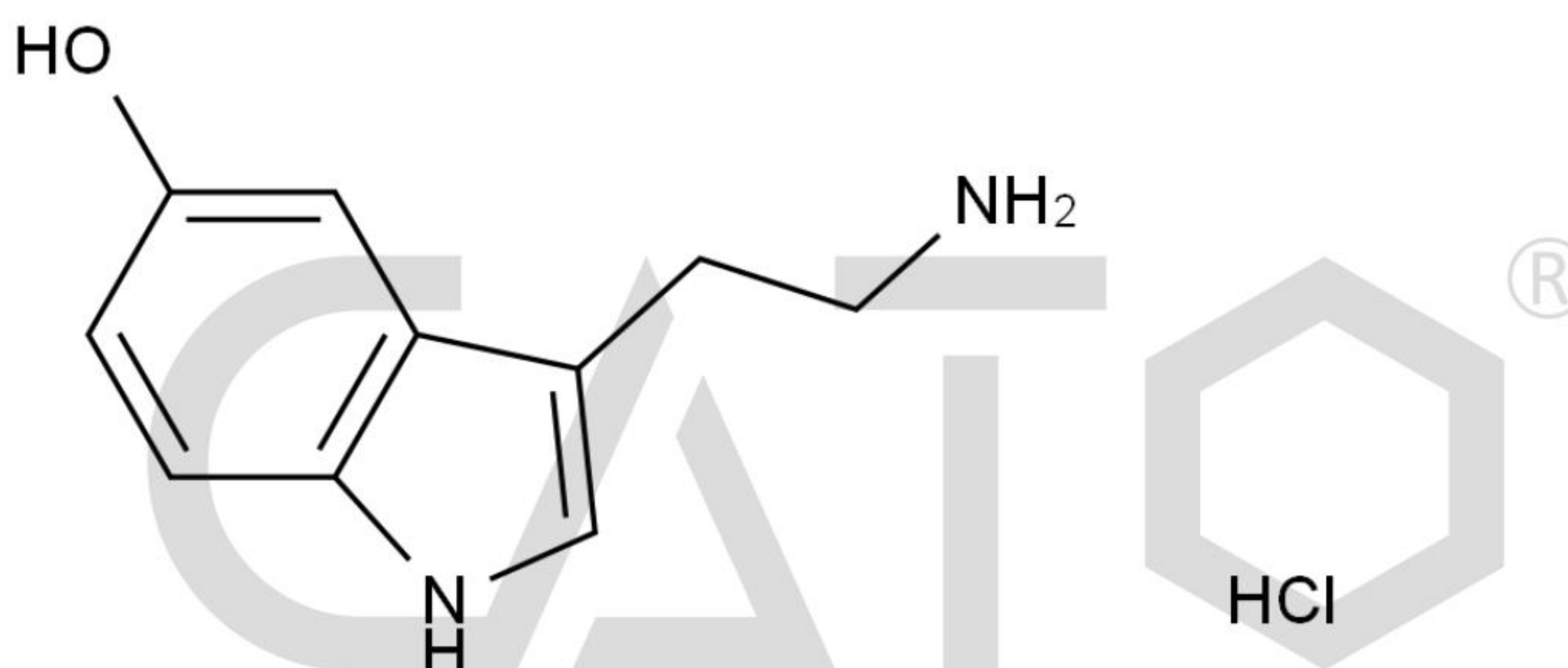
Reference Material & Standard

Product Name:	5-Hydroxytryptamine Hydrochloride	Catalogue Number:	CCHM700993
Synonyms:	N/A	Lot Number:	0831-RE-0017
CAS Number:	153-98-0	Expiry Date:	Sep 03, 2027
Molecular Formula:	C ₁₀ H ₁₂ N ₂ O HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	176.22 36.46	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Grey Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.4%
Assay	qNMR	95.9%
Uncertainty		±0.9%

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: Nov 05, 2025

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