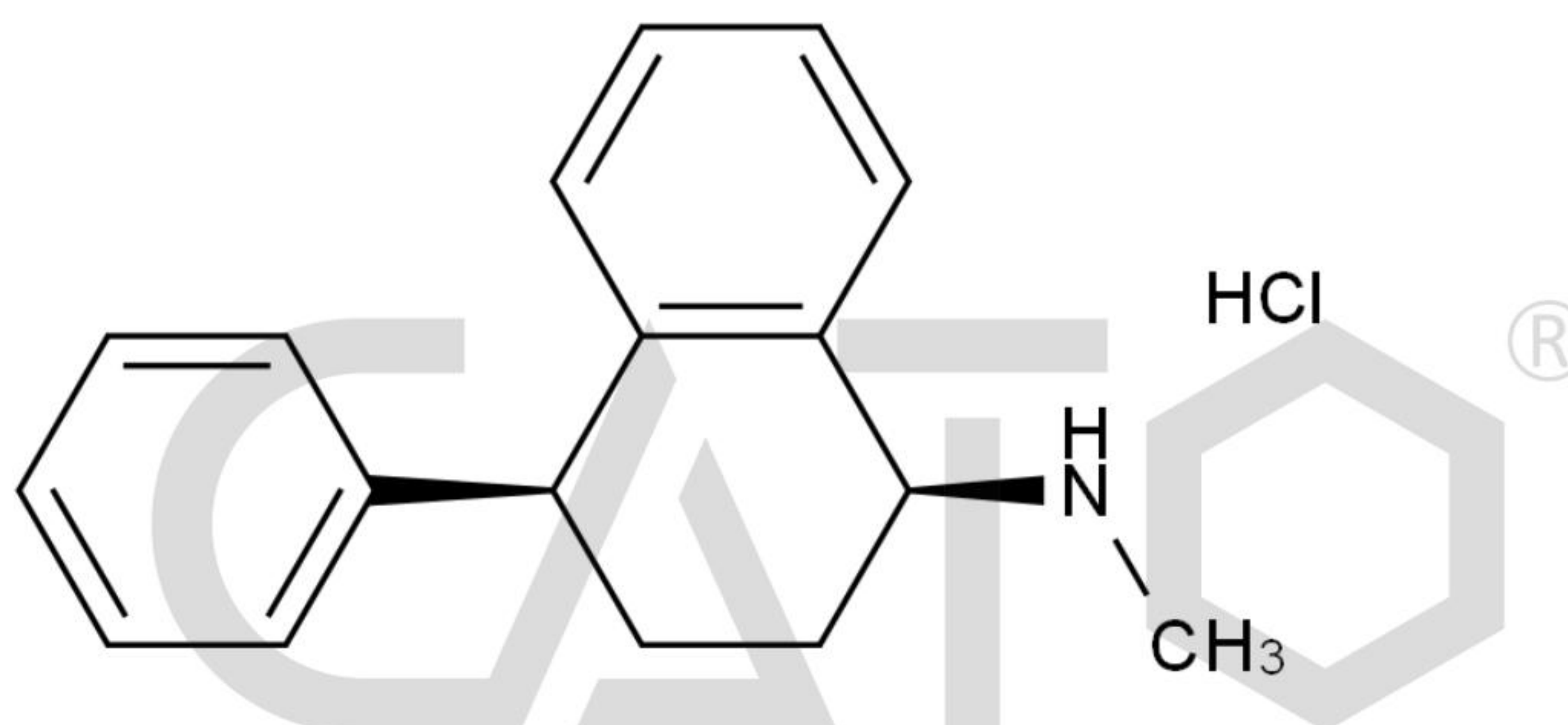


Certificate of Analysis

Reference Material & Standard

Product Name:	Sertraline EP Impurity B HCl (1S,4S-Isomer)	Catalogue Number:	C4X-13442
Synonyms:	3,4-Deschlorosertraline	Lot Number:	0903-RH-0033
CAS Number:	55056-87-6	Expiry Date:	Jan 25, 2030
Molecular Formula:	C ₁₇ H ₁₉ N HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	237.34 36.46	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.5836%
Loss on Drying	TGA	0.000%
Specific Rotation		[α] _D ^{25.0} (C=1.69, CH ₃ OH): +31.48°
Assay		98.6%

Comment:

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

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

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

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Sep 03, 2026

Date: Sep 04, 2026

Date: Sep 04, 2026



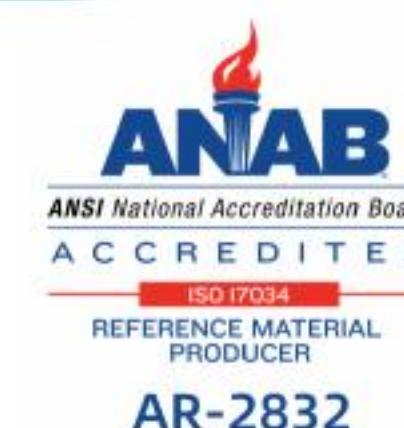
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