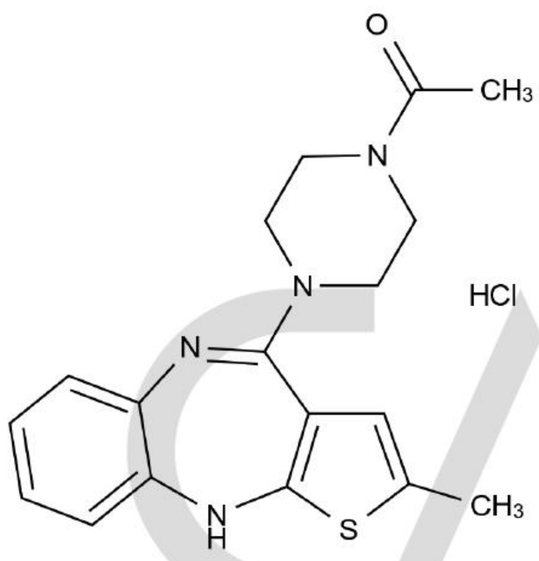
Certificate of Analysis

Reference Material & Standard

Product Name:	Olanzapine Impurity 44 HCl	**Catalogue Number:**	C4X-117844
Synonyms:	N/A	**Lot Number:**	1029-RH-0067
CAS Number:	935272-10-9(free base)	**Expiry Date:**	Jun 02, 2030
Molecular Formula:	$C_{18}H_{20}N_4OS$ HCl	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	340.44 36.46	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	HRMS&UV&HNMR	Confirmed
Purity	HPLC	98.996%
Water Content	Karl Fischer	0.56%
Residual Solvents	NMR	2.1% ethyl acetate
Assay	Mass Balance	96.4%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Water Content-Residual Solvents) * Purity HPLC (%) /100%*
Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Koji Date: Nov 06, 2026

Reviewed by: Lisa Date: Nov 06, 2026

Approved by General Manager: David Date: Nov 06, 2026

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