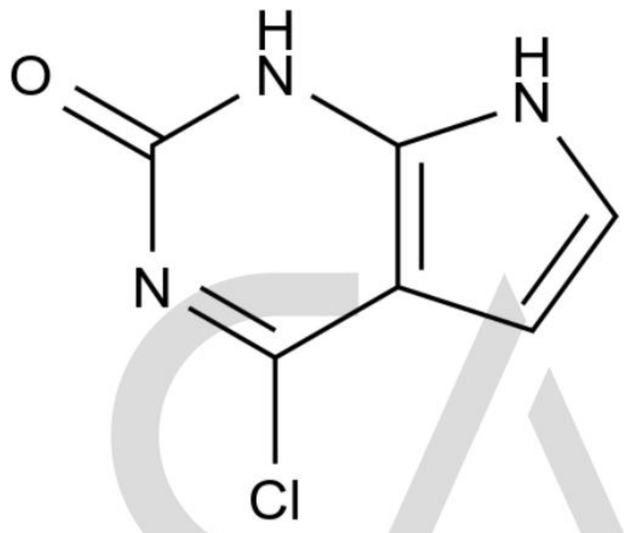
Certificate of Analysis

Reference Material & Standard

Product Name:	Tofacitinib Impurity 220	**Catalogue Number:**	C4X-1079220
Synonyms:	N/A	**Lot Number:**	0828-RH-0026
CAS Number:	1279816-72-6	**Expiry Date:**	Sep 03, 2030
Molecular Formula:	$C_6H_4ClN_3O$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	169.57	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0000%
Loss on Drying	TGA	2.8567%
Assay		97.1%

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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: Koi Date: Sep 04, 2026

Reviewed by: Lisa Date: Sep 04, 2026

Approved by General Manager: David Date: Sep 04, 2026

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