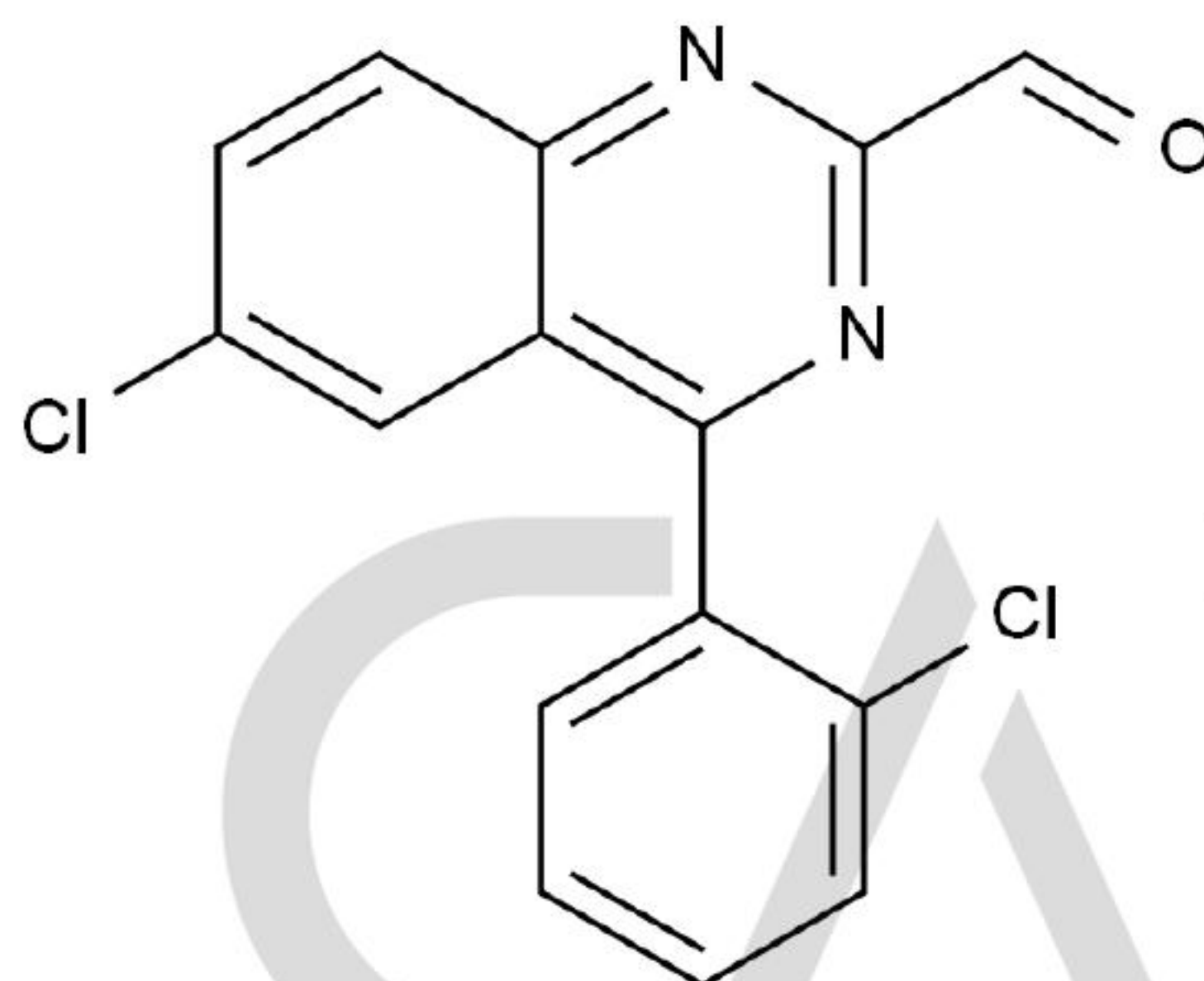


Certificate of Analysis

Reference Material & Standard

Product Name:	Lorazepam EP Impurity E	Catalogue Number:	C4X-10415
Synonyms:	N/A	Lot Number:	0107-RH-0043
CAS Number:	93955-15-8	Expiry Date:	Jan 05, 2030
Molecular Formula:	C ₁₅ H ₈ Cl ₂ N ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	303.14	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	GCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	GC	99.765%
Residue on Ignition	TGA	0.1826%
Loss on Drying	TGA	0.7431%
Assay		98.8%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * Purity GC (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 27, 2026

Date: Apr 27, 2026

Date: Apr 27, 2026



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