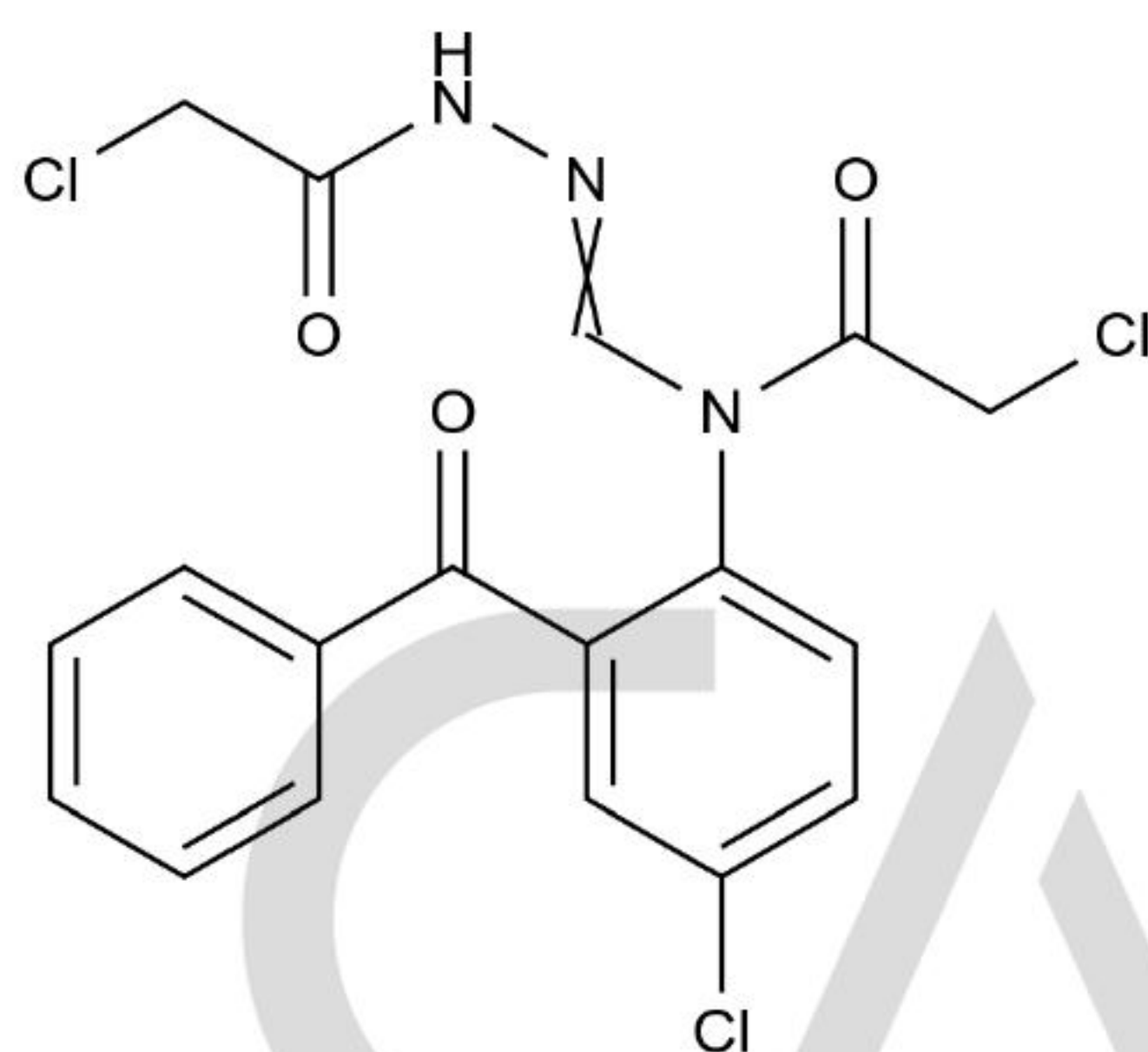


Certificate of Analysis

Reference Material & Standard

Product Name:	Alprazolam Impurity 22	Catalogue Number:	C4X-146022
Synonyms:	N/A	Lot Number:	0919-RF-0067
CAS Number:	N/A	Expiry Date:	May 27, 2026
Molecular Formula:	C ₁₈ H ₁₄ Cl ₃ N ₃ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	426.68		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.15%
Loss On Drying	TGA	0.02678%
Assay		95.1%

Comment:

The calculation of the 100% 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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Dec 03, 2024

Date: Dec 03, 2024

Date: Dec 03, 2024

