

Certificate of Analysis

Reference Material & Standard

Product Name:	Clomipramine Impurity 8	Catalogue Number:	C4X-12658
Synonyms:	N/A	Lot Number:	1028-RC-0106
CAS Number:	109-54-6	Expiry Date:	Apr 19, 2030
Molecular Formula:	C ₅ H ₁₂ ClN	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	121.61	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.000%
Water Content	Karl Fischer	0.1474%
Assay		99.9%

Comment:

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

Assay (%) = (100% - Water Content) * Purity GC (%) / 100%

Water Content is considered as absolute effect, GC purity is considered as relative effect.

Signature:

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Reviewed by:

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Approved by General Manager:

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Date: Apr 20, 2026

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