

Certificate of Analysis

Reference Material & Standard

Product Name:	Manidipine Impurity 2	Catalogue Number:	C4X-27532
Synonyms:	2-Chloroethanol	Lot Number:	0909-RF-0042
CAS Number:	107-07-3	Expiry Date:	Sep 09, 2027
Molecular Formula:	C ₂ H ₅ ClO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	80.51	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	97.402%
Water Content	Karl Fischer	0.2821%
Assay		97.1%

Comment:

1. Catalogue Number has been changed from "CCHM700429" to "C4X-27532". Therefore some of the graphs shown below were named by "CCHM700429".

2. The calculation of the 100% 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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Approved by General Manager:

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Date: Mar 13, 2025

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