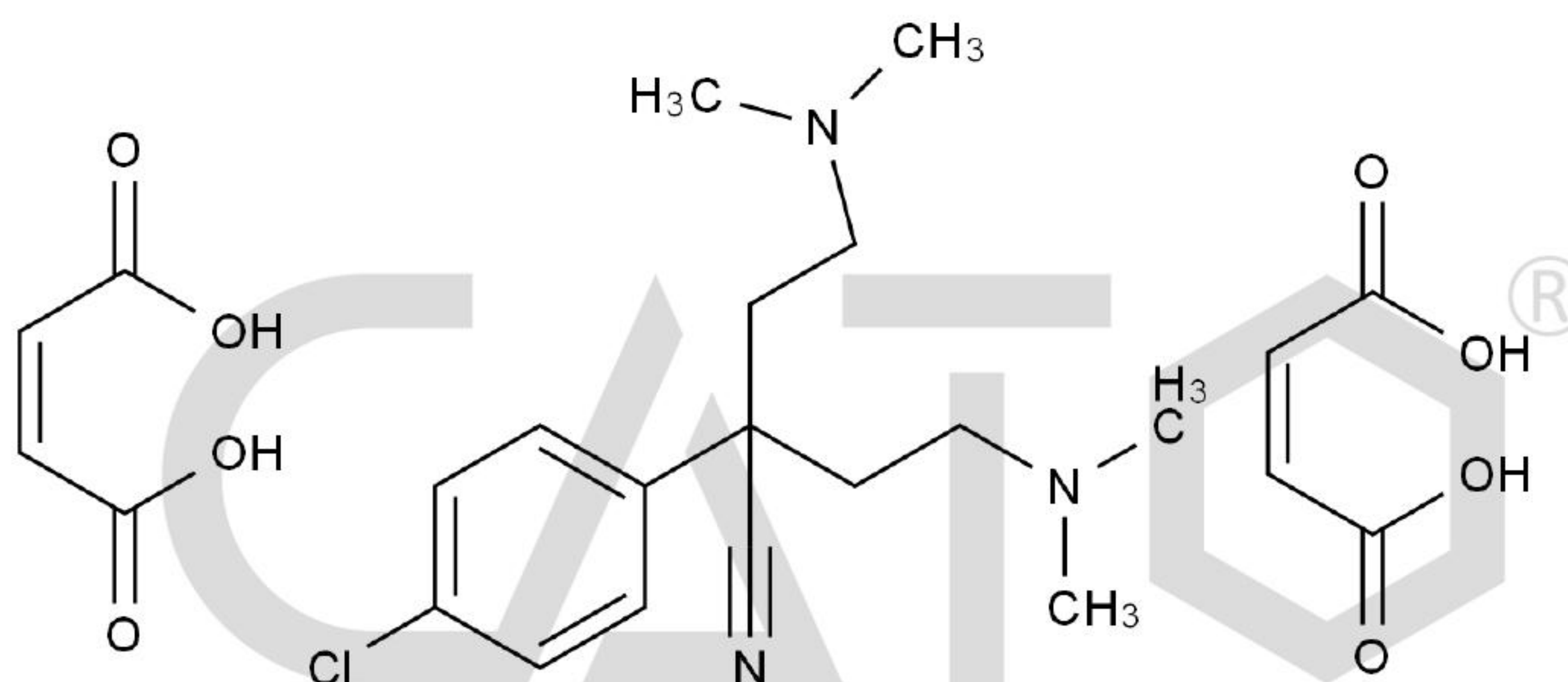


Certificate of Analysis

Reference Material & Standard

Product Name:	Chlorphenamine EP Impurity A (DiMaleate)	Catalogue Number:	C4X-11881
Synonyms:	N/A	Lot Number:	0108-RH-0022
CAS Number:	N/A	Expiry Date:	Jan 06, 2030
Molecular Formula:	C ₁₆ H ₂₄ ClN ₃ 2*C ₄ H ₄ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	293.83 2*116.07	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.7267%
Loss on Drying	TGA	0.469%
Assay		98.3%

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:

Jim

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jan 15, 2026

Date: Jan 15, 2026

Date: Jan 15, 2026



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