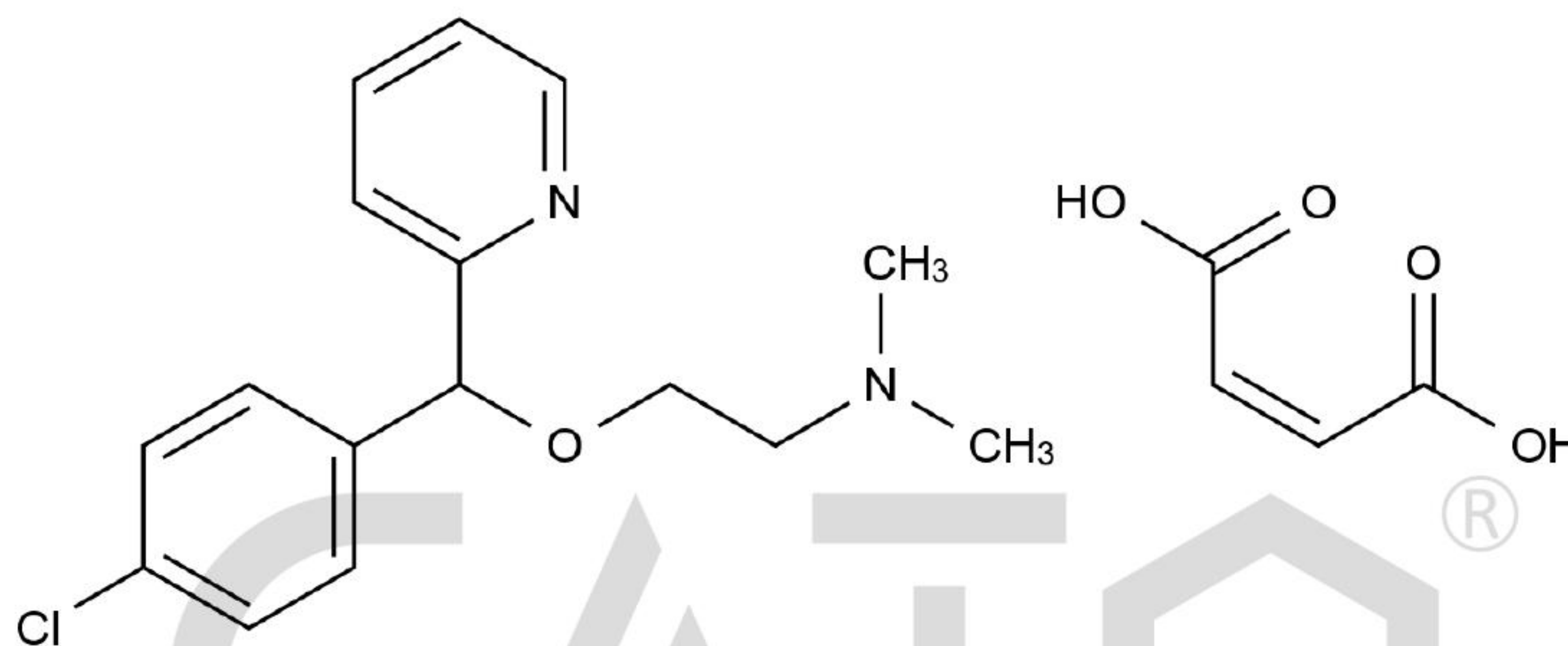


Certificate of Analysis

Reference Material

Product Name:	Carbinoxamine Maleate	Catalogue Number:	CCAD303147
Chemical Name:	N/A	Lot Number:	0610-RD-0053
CAS Number:	3505-38-2	Expiry Date:	Jun 13, 2026
Molecular Formula:	C ₁₆ H ₁₉ ClN ₂ O C ₄ H ₄ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	290.79 116.07		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.0808%
Assay		99.9%
Uncertainty		±2.0%

Comment:

1. The calculation of the 100% method follows the formula:

$$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Debia

Reviewed by:

Cady

Aporoved by General manager:

David

Date: Jun 14, 2022

Date: Jun 15, 2022

Date: Jun 15, 2022

