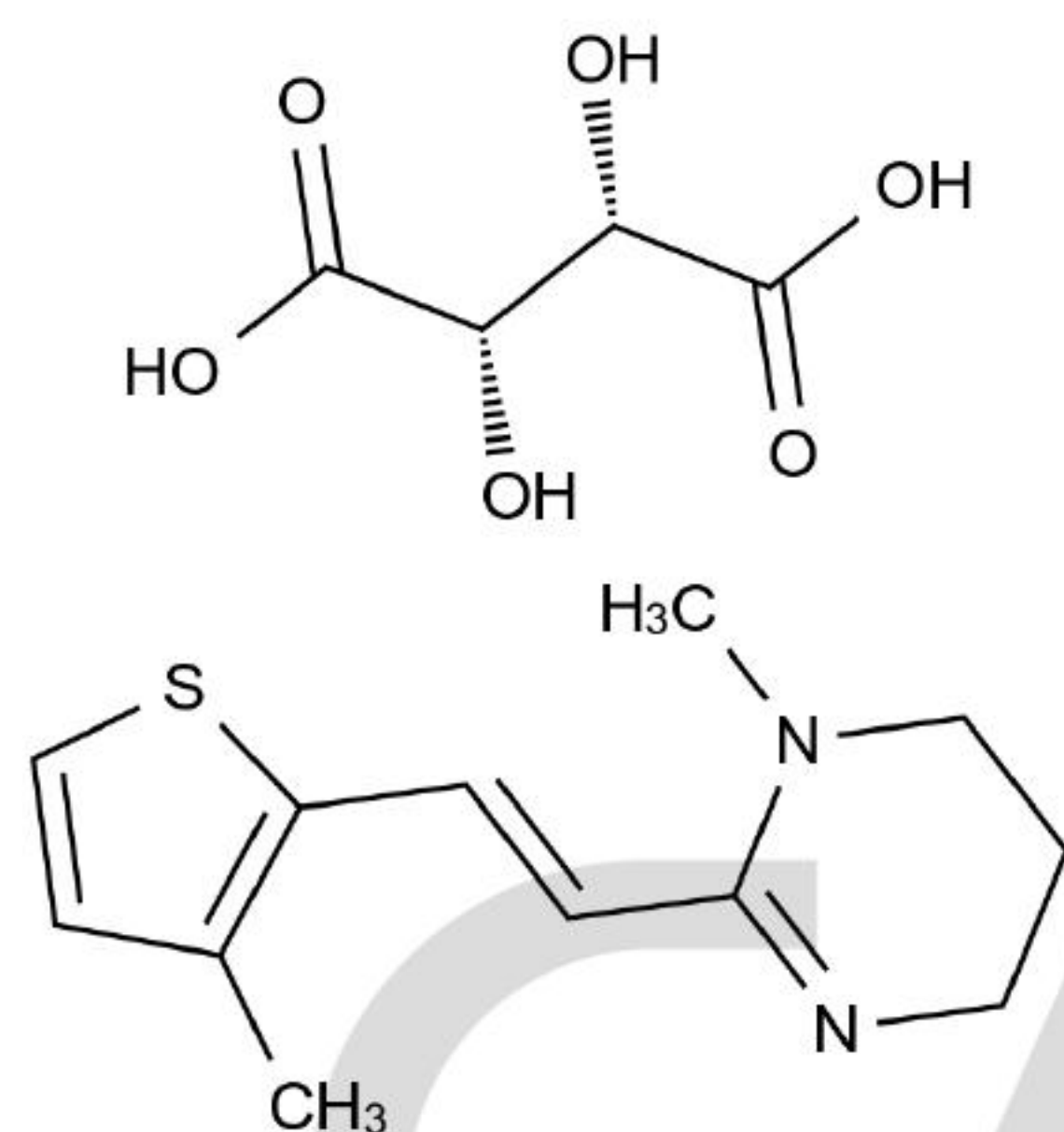


Certificate of Analysis

Reference Material

Product Name:	Morantel Tartrate	Catalogue Number:	CCPD100608
Chemical Name:	N/A	Lot Number:	1220-RD-0029
CAS Number:	26155-31-7	Expiry Date:	Aug 09, 2026
Molecular Formula:	C ₁₂ H ₁₆ N ₂ S C ₄ H ₆ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	220.33 150.09		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow to Pale Beige Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.47%
Water Content	Elemental Analysis	4.6%
Assay		94.9%
Uncertainty		±2.0%

Comment:

1. No chromatogram available.
2. The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity HPLC (\%)} / 100\%$$
 Water Content is considered as absolute effect, HPLC purity is considered as relative effect.
3. 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:

Xenia

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Aug 10, 2022

Date: Dec 30, 2022

Date: Dec 30, 2022

