

Certificate of Analysis

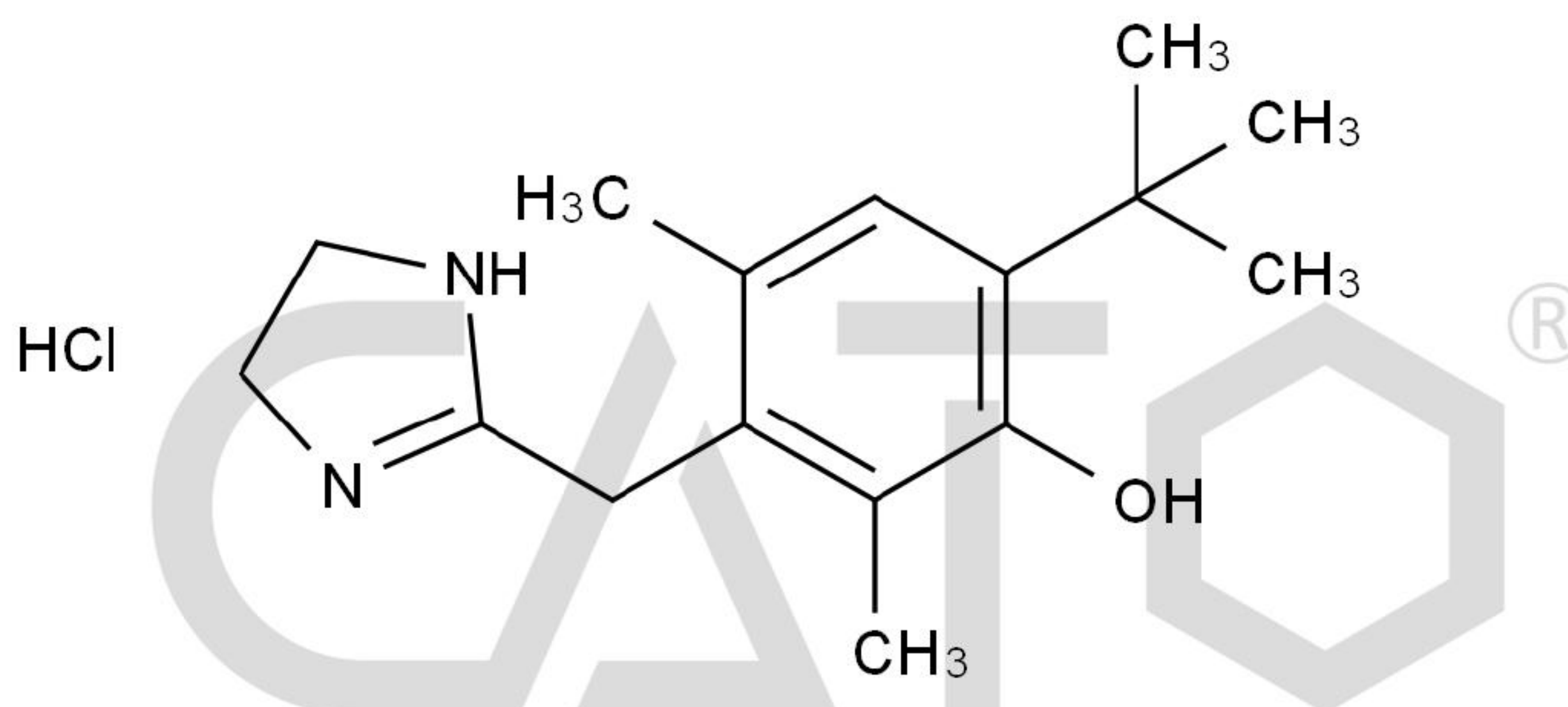
Reference Material & Standard

Product Name:	Oxymetazoline Hydrochloride	Catalogue Number:	CCHM703543
Synonyms:	N/A	Lot Number:	0708-RF-0107
CAS Number:	2315-02-8	Expiry Date:	Jul 10, 2028
Molecular Formula:	C ₁₆ H ₂₄ N ₂ O HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	260.37 36.46	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.923%
Loss on Drying	TGA	0.0438%
Assay		99.9%
Uncertainty		±2.0%

Comment:

- Catalogue Number has been changed from "CCAD302978" to "CCHM703543". Therefore some of the graphs shown below were named by "CCAD302978".
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

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

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.
- 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:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jul 25, 2024

Date: Jul 25, 2024

Date: Jul 25, 2024

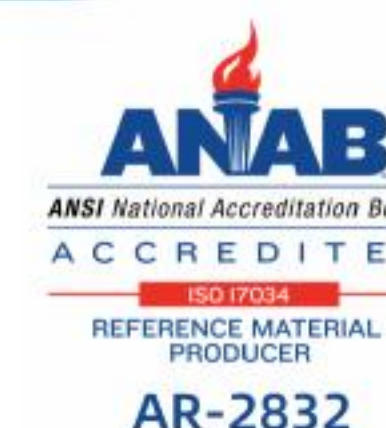
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Page 1 of 6



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