

Certificate of Analysis

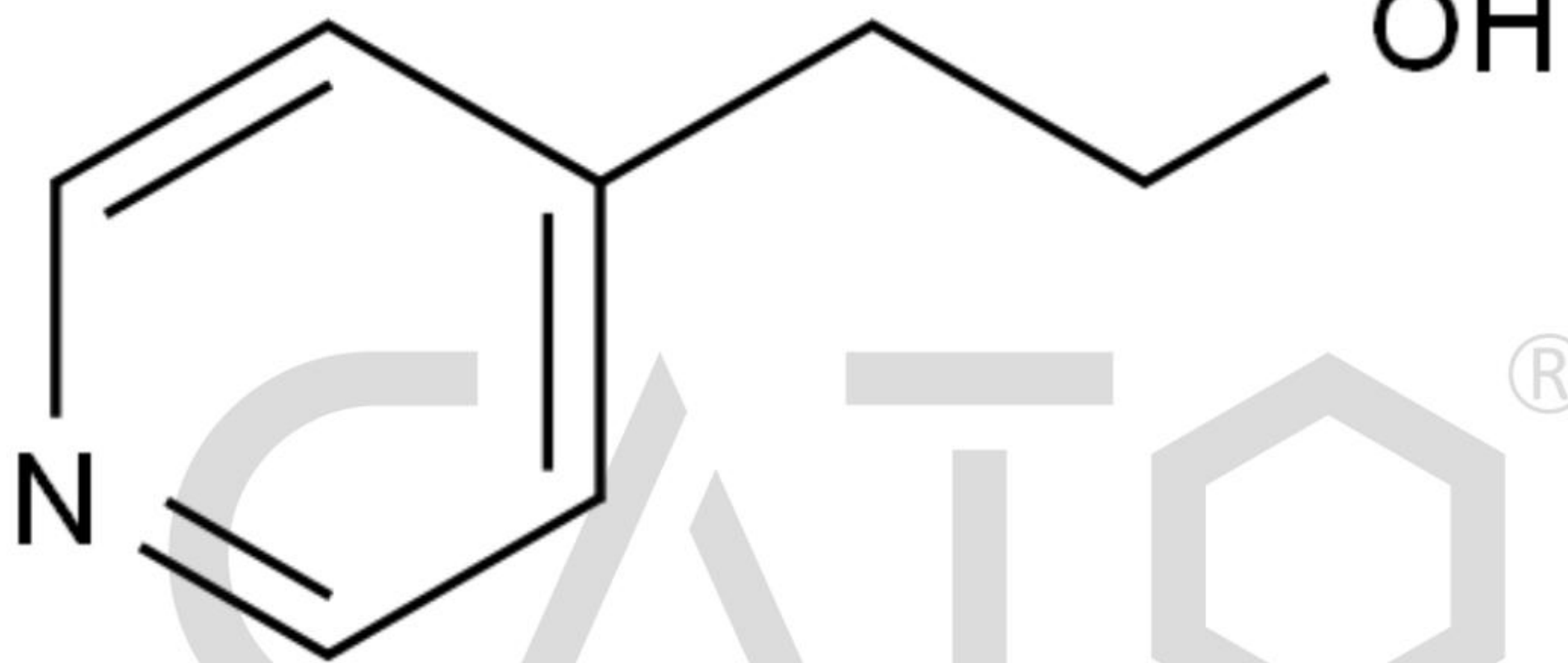
Reference Material & Standard

Product Name:	Betahistine Impurity 4	Catalogue Number:	C4X-18384
Synonyms:	N/A	Lot Number:	1021-RF-0038
CAS Number:	5344-27-4	Expiry Date:	Oct 22, 2027
Molecular Formula:	C7H9NO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	123.15	Warning:	



OH

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.838%
Loss On Drying	TGA	3.7312%
Assay		95.2%

Comment:

The calculation of the 100% 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.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Oct 23, 2024

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