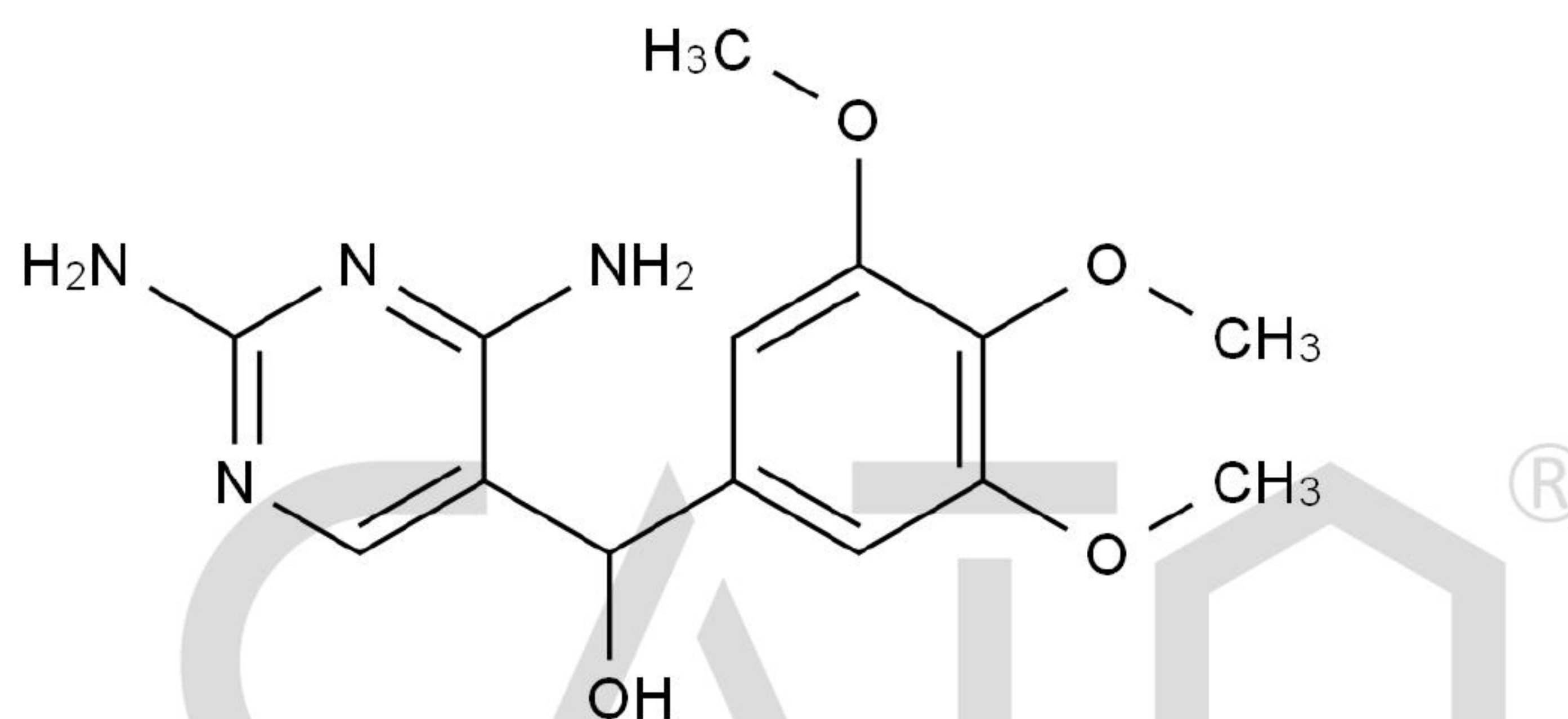


Certificate of Analysis

Reference Material & Standard

Product Name:	Trimethoprim EP Impurity C	Catalogue Number:	C4X-12253
Synonyms:	N/A	Lot Number:	0808-RF-0011
CAS Number:	29606-06-2	Expiry Date:	Aug 07, 2027
Molecular Formula:	C ₁₄ H ₁₈ N ₄ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	306.32		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	TGA	0.9259%
Loss On Drying	TGA	0.0763%
Assay		99.0%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 12, 2024

Date: Aug 12, 2024

Date: Aug 12, 2024

