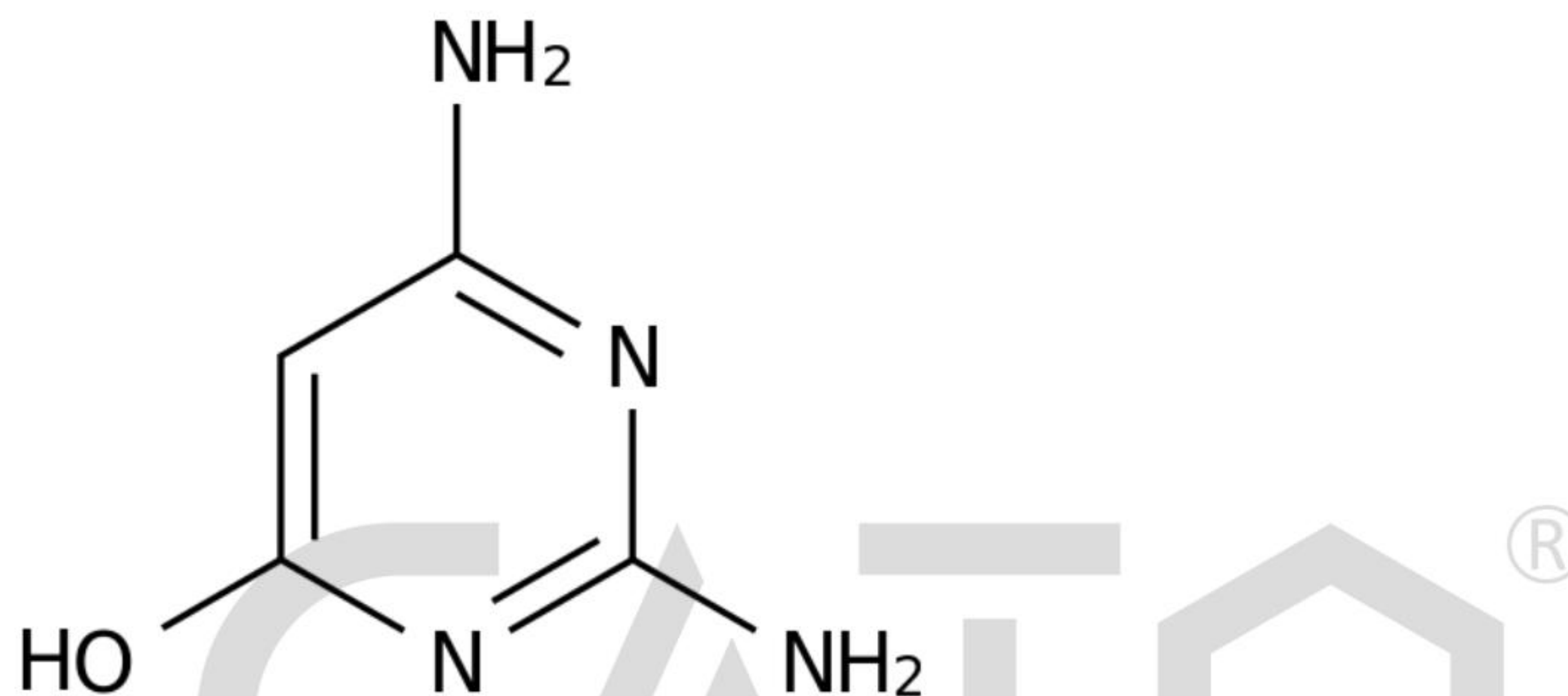


Certificate of Analysis

Reference Material

Product Name:	Minoxidil Impurity 19	Catalogue Number:	C4X-170019
Chemical Name:	N/A	Lot Number:	1117-RD-0020
CAS Number:	56-06-4	Expiry Date:	Dec 06, 2025
Molecular Formula:	C ₄ H ₆ N ₄ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	126.12		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Powder
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	TGA	0.8061%
Loss On Drying	TGA	0.1382%
Assay		99.1%

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:

Debia

Reviewed by:

Yuki

Aporoved by General manager:

David

Date: Dec 15, 2022

Date: Dec 19, 2022

Date: Dec 19, 2022

