

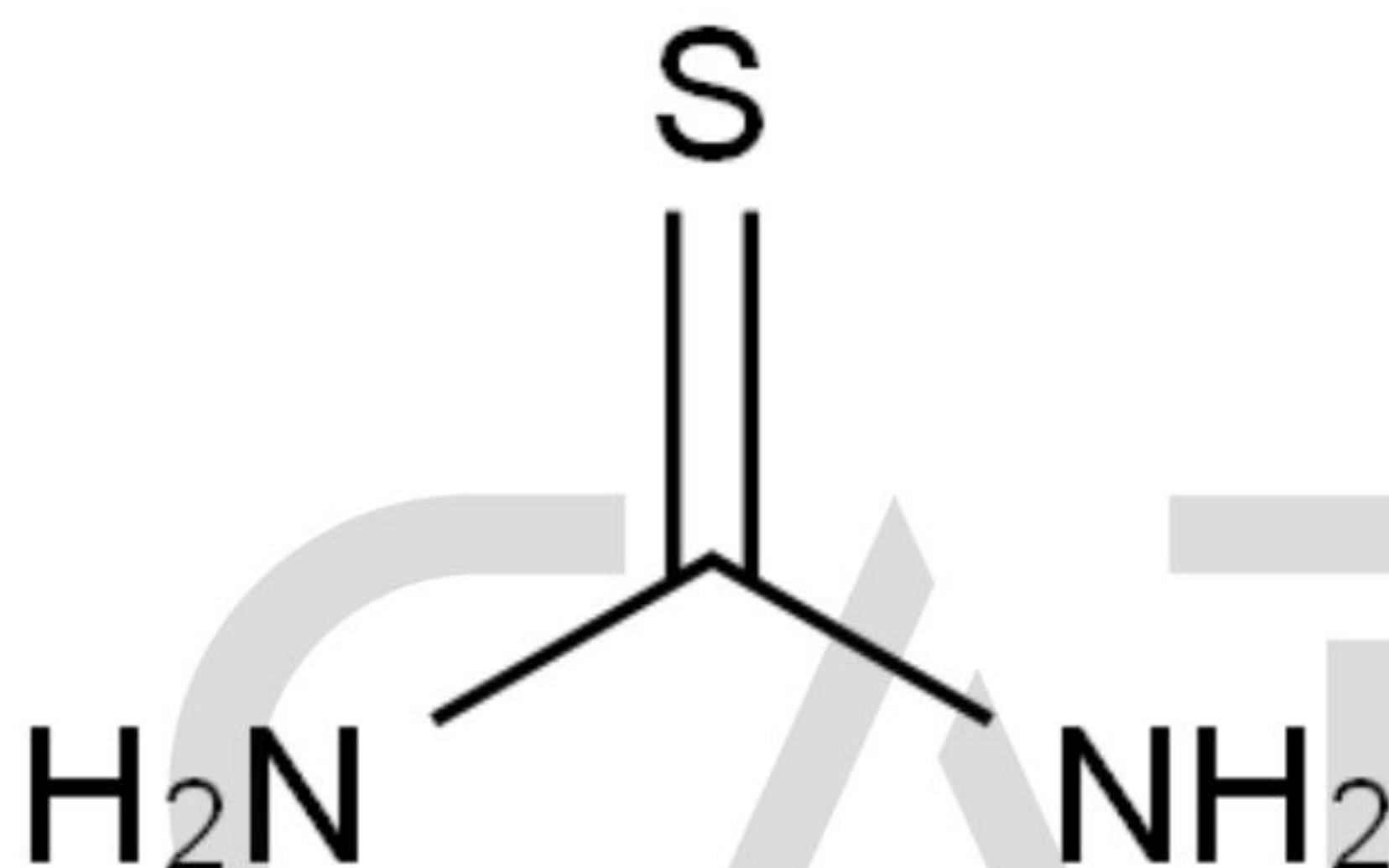
Certificate of Analysis

Reference Material & Standard

Product Name:	Propylthiouracil EP Impurity A	Catalogue Number:	C4X-14061
Synonyms:	N/A	Lot Number:	5C-12-11
CAS Number:	62-56-6	Expiry Date:	Jul 03, 2027
Molecular Formula:	CH ₄ N ₂ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	76.12	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.0953%
Loss On Drying	TGA	0.059%
Assay		99.0%

Comment:

- Catalogue Number has been changed from "CCHM701395" to "C4X-14061". Therefore some of the graphs shown below were named by "CCHM701395".
- 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:

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Reviewed by:

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Approved by General Manager:

David

Date: Oct 18, 2024

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Date: Oct 18, 2024

