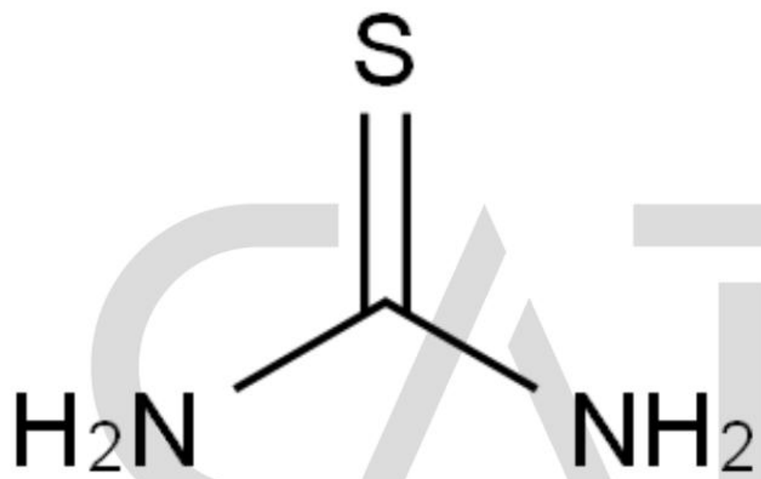
Certificate of Analysis

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:**	Sep 06, 2030
Molecular Formula:	CH_4N_2S	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	76.12	**Shipping Condition:**	Shipping at Room Temperature
		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%

CATO Research Chemicals Inc.

Comment:

1. Catalogue Number has been changed from "CCHM701395" to "C4X-14061". Therefore some of the graphs shown below were named by "CCHM701395" .
2. The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss on Drying) * Purity HPLC (%) /100%*
Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Koji Date: Sep 07, 2026

Reviewed by: Lisa Date: Sep 08, 2026

Approved by General Manager: David Date: Sep 08, 2026

CATO Research Chemicals Inc.