



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-207050A
Lot Number: SAMPLE
Product Name: 5-Propyl-2-thiouracil
CAS Number: 2954-52-1
Molecular Formula: $C_7H_{10}N_2OS$
Molecular Weight: 170.23

Test	Specification	Result
Appearance	White to off-white powder	White powder
Purity (TLC)	$\geq 98\%$	99%
Solution (Color)	Colorless to light yellow at 50 mg/ml in 1M NH_4OH	Colorless at 50 mg/ml in 1M NH_4OH
Solution (Turbidity)	Clear to slightly hazy at 50 mg/ml in 1M NH_4OH	Clear at 50 mg/ml in 1M NH_4OH
Extinction Coefficient	15.3 - 16.1 (MeOH)	15.4
Wavelength	276 - 277 nm	277 nm

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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