

Certificate of Analysis

Phenylthiourea

Cat. No.: HY-Y0351 CAS No.: 103-85-5 Batch No.: 373576

Chemical Name: Thiourea, N-phenyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_7H_8N_2S$ Molecular Weight: 152.22

Storage: Powder -20°C 3 years

> 2 years $4^{\circ}C$

In solvent -80°C 6 months

1 month -20°C

Chemical Structure:

$$N \rightarrow NH_2$$

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (HPLC): 99.64%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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