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## Certificate of Analysis

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Product Name: 1,4-PBIT (dihydrobromide)  
Cat. No.: GC14627  
Batch No.: 1  
Chemical Name: S,S'-1,4-phenylene-*bis*(1,2-ethanediyl)*bis*-isothiourea, dihydrobromide

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 157254-60-9  
Molecular Formula:  $C_{12}H_{18}N_4S_2 \cdot 2HBr$   
Molecular Weight: 444.2  
Storage: Store at -20°C  
Chemical Structure:

### ANALYTICAL DATA

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
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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