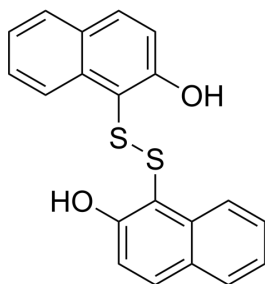


## Certificate of Analysis

**Product Name:** IPA-3  
**Cat. No.:** CS-1432  
**CAS No.:** 42521-82-4  
**Batch No.:** 09398  
**Chemical Name:** 2-Naphthalenol, 1,1'-dithiobis-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>20</sub>H<sub>14</sub>O<sub>2</sub>S<sub>2</sub>  
**Molecular Weight:** 350.45  
**Storage:** Storage temp. 2-8°C  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Light yellow to yellow (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (HPLC):** 98.53%  
**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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