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## CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2024

Re-test Date: Dec 2026

**Product Name: S-Propyl-2-thiobarbituric Acid**

### Identification:

Chemical Name: S-Propyl-2-thiobarbituric Acid

Synonyms : NA

CAS Number : 145783-12-6

CAT Number : CP-T21032

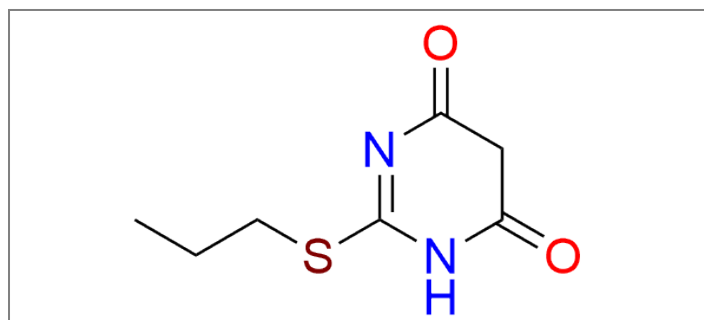
Molecular Formula : C<sub>7</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub>S

Molecular Weight : 186.23

Batch Number : CP-TIC-66-0124

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

| Sr. No. | Test               | Result                   |
|---------|--------------------|--------------------------|
| 1)      | Description        | White Solid              |
| 2)      | Solubility         | Soluble in Methanol/DMSO |
| 3)      | MASS By LCMS       | Confirm to structure     |
| 4)      | Purity By HPLC     | 96.5%                    |
| 5)      | H1NMR              | Confirm to structure     |
| 6)      | 13CNMR             | Confirm to structure     |
| 7)      | Weight loss by TGA | 0.169%                   |
| 8)      | Potency by TGA     | 96.33%                   |



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Manager QC Analytical)

Approved By

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.