



CERTIFICATE OF ANALYSIS

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1. Identification

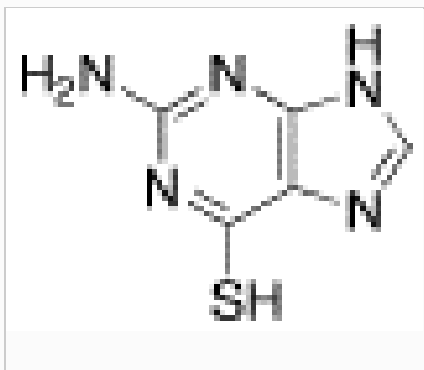
Catalogue Number: A611830

CAS Number: 154-42-7

Product: 2-Amino-6-mercaptapurine

Synonym: 2-Amino-1,7(9)-dihydro-purine-6-thione;
Tioguanine; 6-Thioguanine;

Structure:



Molecular Formula:

C₅H₅N₅S

Molecular weight:

167.19

Source of Product:

N/A

Solubility:

DMSO (Slightly, Heated),
Methanol (Very Slightly)

Lot Number: 1-TGG-43-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped
At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|-------------|--------------------------|-----------------|
| Appearance | Off-White to Green Solid | Off-White Solid |
| HPLC Purity | Report Result | 99.66% (342 nm) |
| MS | Conforms to Structure | Conforms |
| NMR | Conforms to Structure | Conforms |

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

| Reviewed By | Reviewed By | C of A Approved By | Test Date | Retest Date |
|---|---|---|------------|-------------|
| Henry Tieu | Toni Rantanen | Chanell Chu | 12/17/2021 | 12/15/2025 |
|  |  |  | | |