



CERTIFICATE OF ANALYSIS

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1. Identification

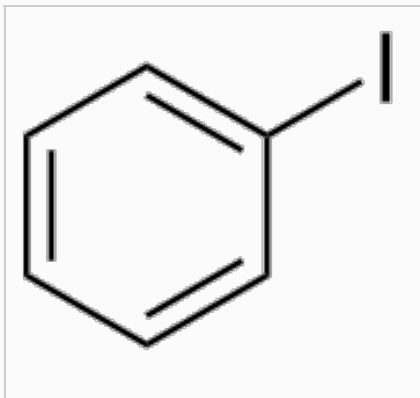
Catalogue Number: I689500

CAS Number: 591-50-4

Product: Iodobenzene

Synonym: 1-Iodobenzene; 4-Iodobenzene; Benzene iodide; Iodobenzene; NSC 9244; Phenyl Iodide

Structure:



Molecular Formula:

C₆H₅I

Molecular weight:

204.01

Source of Product:

N/A

Solubility:

Chloroform (Sparingly), Ethyl Acetate (Slightly), Methanol (Sparingly)

Lot Number: 1-JLW-67-1

Purity: 97%

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 | Colourless to Yellow Oil | Clear Light Yellow to Yellow Oil |
| NMR | Conforms to Structure | Conforms |
| HPLC Purity | Report Result | 99.48% (225 nm) |
| C 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 |
|---|---|---|------------|-------------|
| Nicole Yip | Toni Rantanen | Chanell Chu | 12/21/2021 | 12/19/2025 |
|  |  |  | | |