

## 1. Identification

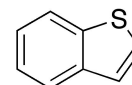
### Catalogue Number

B206870

### Lot Number

712110305-3-2

### Structure



### Product Name

Benzo[b]thiophene

### Synonyms

1-Benzothiophene; 1-Benzothiophene; 1-Thiaindene; 2,3-Benzothiophene; Benzothiofuran; Benzothiophen; Benzothiophene; NSC 47196; Thianaphthen; Thianaphthene; Thionaphthene;

### CAS Number

95-15-8

### Solubility

Acetonitrile (Slightly), Chloroform (Slightly), Methanol (Slightly)

### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>8</sub>H<sub>6</sub>S

### Source of Product

N/A

### Long Term Storage Conditions

4°C

### Molecular Weight

134.2

### Purity

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information

### Tests

Appearance

### Specifications

White to Pale Yellow Low-Melting Solid

### Results

Off-White Low-Melting Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 71.04, %H: 4.49

GC Purity

>95%

99.94%

MS

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

R. Reddy

Swathi Reddy

Product Quality Specialist

### Reviewed by

Toni Rantanen

Manager, Quality Assurance

### C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

### Test Date

11/22/2024

### Retest Date

11/20/2028