



## CERTIFICATE OF ANALYSIS

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### 1. Identification

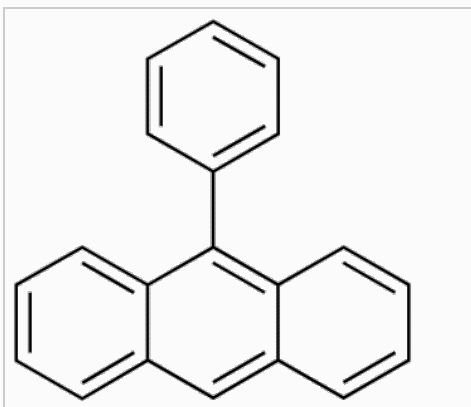
**Catalogue Number:** P308500

**CAS Number:** 602-55-1

**Product:** 9-Phenylanthracene

**Synonym:** NSC 90796;

**Structure:**



**Molecular Formula:**

C<sub>20</sub>H<sub>14</sub>

**Molecular weight:**

254.33

**Source of Product:**

Synthetic

**Solubility:**

Chloroform (Slightly), Ethyl Acetate (Slightly)

**Lot Number:** 1-JME-121-3

**Purity:** 95%

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

**Storage Condition:** 4°C

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

Tests:	Specifications:	Results:
NMR	Conforms to structure	Conforms
MS	Conforms to Structure	Conforms
Melting Point	Report Results	150 - 153°C
Elemental Analysis	Conforms	Refer: Additional Information
Appearance		Yellow to Orange Solid

#### Additional Information:

TLC Conditions: SiO<sub>2</sub>; Hexanes : Ethyl Acetate = 9.5 : 0.5; Visualized with UV and AMCS; R<sub>f</sub> = 0.35. 1H NMR and MS conform to structure. Elemental Analysis: (Found) %C: 93.14, %H: 5.72; (Calculated) %C: 94.45, %H: 5.55

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 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
Philip Chan			2/12/2018	2/10/2028