



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-497557  
Lot Number: SAMPLE  
Product Name: 6-Ethylchrysene  
CAS Number: 2732-58-3  
Molecular Formula:  $C_{20}H_{16}$   
Molecular Weight: 256.34  
Native Source: Synthetic

| Test                               | Specification              | Result          |
|------------------------------------|----------------------------|-----------------|
| Appearance                         | White to off-white solid   | Complies        |
| Identification (NMR)               | Consistent with sttructure | Complies        |
| Identification (Mass Spectrometry) | Consistent with sttructure | Complies        |
| Identification (Mass Spectrometry) | Consistent with sttructure | Complies        |
| Purity                             |                            | 98%             |
| Purity (HPLC)                      |                            | 99.78% (270 nm) |
| Carbon Content                     |                            | 93.02%          |
| Hydrogen Content                   |                            | 6.14%           |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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