

3050 Spruce Street, Saint Louis, MO 63103, USA

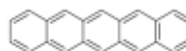
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## Product Specification

Product Name:  
Pentacene - triple-sublimed grade,  $\geq 99.995\%$  trace metals basis

Product Number: **698423**

CAS Number: 135-48-8



Formula: C<sub>22</sub>H<sub>14</sub>

Formula Weight: 278.35 g/mol

TEST	Specification
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Appearance (Color)	Purple to Very Dark Purple and Dark Blue to Very Dark Blue and Black
Appearance (Form)	Powder
Melting point by DSC	
Thermal Gravimetric Analysis	
Weight Loss: 0.5%	
Carbon	$\geq 93.5\%$
Purity	Meets Requirements
$\geq 99.995\%$ Based on Trace Metals Analysis	
Trace Metal Analysis	$\leq 50.0$ ppm

Specification: PRD.1.ZQ5.10000004633

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.