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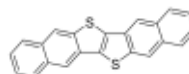
Outside USA: eurtechserv@sial.com

## Certificate of Analysis

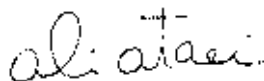
Product Name:

Dinaphtho[2,3-b:2',3'-f]thieno[3,2-b]thiophene - sublimed grade, 99%

**Product Number:** 767638  
**Batch Number:** MKBW5308V  
**Brand:** ALDRICH  
**CAS Number:** 935280-42-5  
**Formula:** C<sub>22</sub>H<sub>12</sub>S<sub>2</sub>  
**Formula Weight:** 340.46 g/mol  
**Quality Release Date:** 24 SEP 2015



Test	Specification	Result
Appearance (Color)	Faint Yellow to Dark Yellow	Yellow
Appearance (Form)	Powder or Crystals	Powder
Proton NMR Spectrum	Conforms to Structure	Conforms
Carbon	76.4 - 78.8 %	77.7 %
Sulfur	18.6 - 19.1 %	18.8 %
Product of Supplier Nippon Kayaku	Confirmed	Confirmed



Ali Ataei, Manager  
Quality Control  
Milwaukee, WI US

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. 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.