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## Product Specification

Product Name:  
COUMARIN 343

**Product Number:** 393029  
**CAS Number:** 55804-65-4  
**MDL:** MFCD00051335  
**Formula:** C<sub>16</sub>H<sub>15</sub>NO<sub>4</sub>  
**Formula Weight:** 285.29 g/mol

### TEST

### Specification

Appearance (Color)

Conforms to Requirements

Yellow to Yellow-Orange to Very Dark Yellow

Appearance (Form)

Powder

Infrared spectrum

Conforms to Structure

Wavelength

441 - 445 nm

C= 0.01 G/L Ethanol

Extinction Coefficient

≥ 26000

in Ethanol

Carbon

65.0 - 69.7 %

Nitrogen

4.6 - 5.2 %

Specification: PRD.0.ZQ5.10000039669

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.