

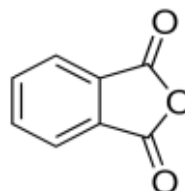
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## Product Specification

Product Name:  
Phthalic anhydride - ACS reagent, ≥99%

**Product Number:** 320064  
**CAS Number:** 85-44-9  
**MDL:** MFCD00005918  
**Formula:** C<sub>8</sub>H<sub>4</sub>O<sub>3</sub>  
**Formula Weight:** 148.12 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Flakes
Melting Point	128.0 - 134.0 °C
Infrared spectrum	Conforms to Structure
Morpholine Titration by HCl	99.0 - 100.2 %
Residue on ignition (Ash)	≤ 0.01 %
Chloride Content	≤ 0.002 %
Sulfate (SO <sub>4</sub> )	≤ 0.003 %
Iron (Fe)	≤ 5 ppm
Heavy Metals (as Lead)	≤ 5 ppm
Meets ACS Requirements	Current ACS Specification

Specification: PRD.1.ZQ5.10000009610

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.