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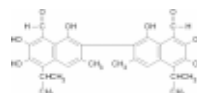
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## Product Specification

Product Name:  
(±)-Gossypol from cotton seeds - ≥95% (HPLC)

Product Number: **G8761**  
CAS Number: 303-45-7



Formula: C<sub>30</sub>H<sub>30</sub>O<sub>8</sub>  
Formula Weight: 518.6 AMU

TEST	Specification
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Appearance (Form)	Powder
Appearance (Colour)	Yellow with a Brown to Green Cast
Solubility (Solvent)	Dimethylsulfoxide
Solubility (Conc)	49.00 - 51.00 mg/ml
Solubility (Turbidity)	Clear to Very Slightly Hazy
Solubility (Color)	Yellow to Brown
Water (by Karl Fischer)	≤ 10.00 %
Elemental Anal. (%C anhydrous)	69.00 - 71.00 %
Purity (HPLC)	≥ 95.00 %
NMR (Solvent)	CD <sub>3</sub> OD
Identity by NMR	Consistent
NMR (Residual Solvent 1)	Petroleum Ether
NMR (% Solvent 1)	≤ 2.00 %
Recommended Retest Period	-----
3 Years	

Specification: PRE.2.ZQ5.10000001421

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.