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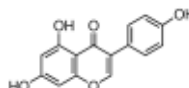
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Certificate of Analysis

Product Name:

Genistein - synthetic, ≥98% (HPLC), powder

Product Number: G6649
Batch Number: WXBD2501V
Brand: SIGMA
CAS Number: 446-72-0
Formula: C₁₅H₁₀O₅
Formula Weight: 270,24 g/mol
Storage Temperature: Store at -20 °C
Quality Release Date: 13 MAY 2020



Test	Specification	Result
Appearance (Colour)	Off White to Yellow	Faint Yellow
Appearance (Form)	Powder	Powder
Solubility (Colour)	Faint Green-Yellow to Light Green-Yellow to Light Yellow	Very Light Yellow
Solubility (Turbidity)	Clear	Clear
10 mg/mL ,CHCl ₃ :MeOH (1:1)		
Origin	Synthetic	Synthetic
EMM	36.1 - 36.8	36.7
Lambda max 262 to 263 nm in EtOH		
Wavelength	262 - 263 NM	262 NM
Purity (HPLC)	≥ 98 %	99 %

Steven Chen, Manager
Quality Control
Wuxi, China CN

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.