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Product Specification

Product Name:

Genistein – from Glycine max (soybean), ~98% (HPLC)

Product Number:

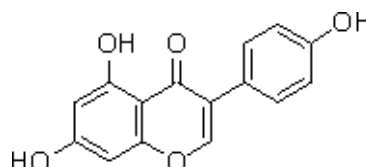
G6776

Formula:

C₁₅H₁₀O₅

Formula Weight:

270.2 AMU



TEST

Specification

| | |
|--------------------------------|---|
| Appearance (Form) | Powder |
| Appearance (Colour) | Faint Yellow to Yellow and Faint Beige to Beige |
| Solubility (Solvent) | CHCL ₃ /MeOH 1/1 |
| Solubility (Conc) | 9.80 - 10.20 mg/ml |
| Solubility (Heating) | Yes |
| Solubility (Turbidity) | Clear |
| Solubility (Color) | Faint Yellow to Yellow |
| Water (by Karl Fischer) | ≤ 6.50 % |
| Elemental Anal. (%C anhydrous) | 66.18 - 67.18 % |
| Purity (HPLC) | ≥ 97.0 % |
| Proton NMR spectrum | Conforms to Structure |
| NMR (Residual Solvent 1) | Methanol |
| NMR (% Solvent 1) | ≤ 2.00 % |
| Purity (TLC) | ≥ 97.0 % |
| Storage Conditions | Dessicated and Protected from Light |
| Recommended Retest Period | ----- |
| 3 Years | |

Specification: PRE.1.ZQ5.10000002020

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.