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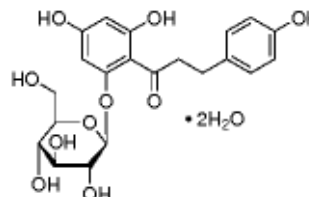
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Phloridzin dihydrate - from apple wood, ≥99% (HPLC)

Product Number: P3449
Batch Number: SLBF2194V
Brand: SIGMA
CAS Number: 7061-54-3
MDL Number: MFCD00149438
Formula: C₂₁H₂₄O₁₀·2H₂O
Formula Weight: 472.44 g/mol
Quality Release Date: 13 FEB 2013



Test	Specification	Result
Appearance (Color)	Yellow to Tan	Tan
Appearance (Form)	Powder	Powder
Solubility (Color)	Yellow to Amber	light amber
Solubility (Turbidity)	Clear	Clear
100mg/ml of Ethanol		
Water (by Karl Fischer)	≤ 8.5 %	7.8 %
Carbon	52.2 - 54.6 %	53.3 %
Purity (HPLC)	≥ 99 %	100 %

Rodney Burbach, Manager
 Analytical Services
 St. Louis, Missouri US

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.