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CERTIFICATE OF ANALYSIS

Cat No.: 021116S

Product: **HESPERIDIN WITH HPLC**
(Hesperitin-7-rutinoside)

CAS No.: [520-26-3]

Lot Number: 00011209

Chemical Family: Flavonoids

Molecular Formula: C₂₈H₃₄O₁₅

M.W.: 610.56

MP: 257-261°C

Spectrophotometrical data (U.V.): 284,333 nm

ε in DMSO 0.5% + methanol: 22140 at 284 nm

Thin layer chromatography

-Support: On Cellulose
-Solvent: Water
-Detection: Spray reagent: NaBH₄ in isopropanol then AlCl₃
10% in ethanol then heating at 100°C

Purity: 99.73%

