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CERTIFICATE OF ANALYSIS

Cat No.: 021124S

Product: **KAEMPFEROL with HPLC**
(3,5,7,4'-Tetrahydroxyflavone; Robigenin)

CAS Number: [520-18-3]

Lot Number: 11072224

Chemical Formula: C₁₅H₁₀O₆

Molecular Weight: 286.25

Melting Point: 279-281°C (d)

Moisture: 0.03

Residual Solvents: 1.1%

Thin Layer Chromatography:

Support: Silicagel

Solvent: Toluene/ethyl formiate/formic acid(5/4/1,V/V/V)

Detection: U.V.

Absorption maxima: 253sh,267,293sh,325sh,367 nm in ethanol

Appearance: Yellow powder

Storage: Cool dry place

Purity: '≥99% by HPLC

