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CERTIFICATE OF ANALYSIS

CAT. No.: 021053S

<u>Product Name:</u>	KAEMPFEROL-3-O-RUTINOSIDE with HPLC (Nicotiflorin)
<u>CAS No.:</u>	[17650-84-9]
<u>Lot Number:</u>	10021517
<u>Chemical Family:</u>	Flavonoids
<u>Chemical Formula:</u>	C ₂₇ H ₃₀ O ₁₅
<u>Molecular Weight:</u>	594.53
<u>Melting Point:</u>	201-203°C
<u>Appearance:</u>	Yellow powder
<u>UV Spectrum:</u>	266.5, (300)sh, 349.5nm in methanol
<u>Moisture:</u>	2.7%

Thin layer chromatography

-Support:	Silica gel
-Solvent:	Ethyl acetate/Methylethylketone/Formic acid/water (5/3/1/1:V/V/V/V)
-Detection:	UV

Purity: 98.72 %

