



INDOFINE Chemical Company, Inc.

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CERTIFICATE OF ANALYSIS

CAT. No.: 020080

<u>Product Name:</u>	RUTIN TRIHYDRATE (Quercetin-3-rutinoside)
<u>CAS No.:</u>	[153-18-4]
<u>Lot Number:</u>	02062416
<u>Chemical Formula:</u>	$C_{27}H_{30}O_{16} \cdot 3H_2O$
<u>MW:</u>	664.59
<u>Melting Point:</u>	203-205°C
<u>Appearance:</u>	Yellow powder
<u>UV Spectrum:</u>	257, 29sh, 358 nm in methanol
<u>ϵ:</u>	18650 in methanol at 358 nm

Thin layer chromatography:

-Support:	Cellulose
-Solvent:	Acetic acid/water (10/90:V/V)
-Detection:	U.V. (Violin spot)

Storage: Store at +18°C in a dry and dark place under lock

Purity: 99.48%

