



# INDOFINE Chemical Company, Inc.

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## CERTIFICATE OF ANALYSIS

**Cat No.: 021325S**

<u>Product:</u>	<b>GENISTIN with HPLC</b> (Glucosyl-7-genistein)
<u>CAS Number:</u>	[529-59-9]
<u>Lot Number:</u>	09052802
<u>Chemical Formula:</u>	C <sub>21</sub> H <sub>20</sub> O <sub>10</sub>
<u>Molecular Weight:</u>	432.38
<u>Melting Point:</u>	251-252°C
<u>Appearance:</u>	Cream powder
<u>[α]<sub>D</sub>:</u>	-26.7° (c=0.6 in pyridine)
<u>Thin Layer Chromatography:</u>	Support: Silicagel Solvent: Ethylacetate/Methylethylketone/ Formic acid/Water (5/3/1/1, V/V/V) Detection: U.V.
<u>Absorption maxima:</u>	262.5, 325sh nm in ethanol +0.5% dimethylsulfoxide
<u>Storage:</u>	Cool dry place
<u>Purity:</u>	99+%

