



# INDOFINE Chemical Company, Inc.

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## CERTIFICATE OF ANALYSIS

**CAT. No.: M-405**

<u>Product Name:</u>	<b>2'-METHOXY-<math>\beta</math>-NAPTHOFLAVONE</b>
<u>Lot Number:</u>	88030
<u>Source:</u>	Synthetic
<u>Chemical Formula:</u>	C <sub>20</sub> H <sub>14</sub> O <sub>3</sub>
<u>Molecular Weight:</u>	302.31
<u>Melting Point:</u>	188-189°C
<u>Appearance:</u>	Off white crystals
<u>Chromatography:</u>	Single spot on silica gel layers using two solvent systems
<u>U.V. Spectra in methanol:</u>	$\lambda$ max 323.6, 272.6 nm No shift after adding sodium methoxide
<u>Elemental analysis:</u>	C, 79.6%; H, 4.61% (sample dried under vacuum) C, 79.47%; H, 4.63% calculated for C <sub>20</sub> H <sub>14</sub> O <sub>3</sub>

