



# INDOFINE Chemical Company, Inc.

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## CERTIFICATE OF ANALYSIS

**CAT. No.: 020027**

<u>Product Name:</u>	<b>ASIATIC ACID</b>
<u>CAS No.:</u>	[464-92-6]
<u>Lot Number:</u>	03030704
<u>Chemical Formula:</u>	C <sub>30</sub> H <sub>48</sub> O <sub>5</sub>
<u>MW:</u>	488.71
<u>Appearance:</u>	White powder
<u>[α]<sub>D</sub>:</u>	+51°(ethanol)
<u>Moisture:</u>	3.81%
<u>Thin layer chromatography:</u>	
-Support:	Silica gel
-Solvent:	Chloroform/Methanol(93/7:V/V)
-Detection:	p-Anisaldehyde/acetic acid/sulfuric acid (1/40/1:V/V/V)then heating 10 mn at 110°C.
<u>HPLC:</u>	
Column	Novapak C18 <sup>R</sup>
Solvent	Acetonitrile/water (52/48:V/V)
Flow rate	1.5 ml/mn
Detection	200 nm
TR	5.3
K	2.41
<u>Purity:</u>	90-95%