



INDOFINE Chemical Company, Inc.

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CERTIFICATE OF ANALYSIS

Cat No.: 020403

<u>Product:</u>	RHEIN (4,5-Dihydroxyanthraquinone-2-carboxylic acid)
<u>CAS Number.:</u>	[478-43-3]
<u>Lot Number:</u>	03060227
<u>Molecular Formula:</u>	C ₁₅ H ₈ O ₆
<u>Molecular Weight:</u>	284.23
<u>Melting Point:</u>	>300°C
<u>Appearance:</u>	Orange powder
<u>U.V.Spectrum:</u>	434 nm in methanol +0.5% DMF

Thin layer chromatography

-Support:	Silicagel
-Solvent:	Toluene/dioxane/acetic acid (90/25/4:V/V/V)
-Detection:	Visible
<u>Purity:</u>	90-95%

