



# INDOFINE Chemical Company, Inc.

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## CERTIFICATE OF ANALYSIS

Catalog Number: 06-366

Product Name: **CATECHIN HYDRATE**  
((+)-Catechin hydrate)

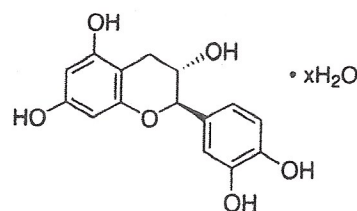
CAS Number: [225937-10-0]

Lot Number: 2003409

Chemical Formula:  $C_{15}H_{14}O_6 \cdot xH_2O$

Molecular Weight: 290.27

Storage: Store at 2-8°C



Test	Specification	Result
Appearance (Colour)	White to Light Beige to Light Brown	Light Brown
Appearance (Form)	Powder	Powder
Purity (HPLC)	≥ 96.0 %	99.3 %
Specific Rotation (20/D) C= 1 IN WATER	24.0 - 28.0 deg	24.2 deg
Loss on Drying	≤ 8.0 %	3.0 %
Infrared spectrum	Conforms to Structure	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms
Solubility (Colour)	Yellow to Very Dark Yellow and Light Brown-Yellow to Very Dark Brown-Yellow	Very Dark Brown-Yellow
Solubility (Turbidity) 0.5G in 10mL Ethanol, Hot	Clear to Very Hazy	Clear

Prepared by:  
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