



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Product Name: Procyanidin B1

Item No: 020983

Batch No: 1302300

Production Date: 6/18/2012

Reported Date: 6/21/2012

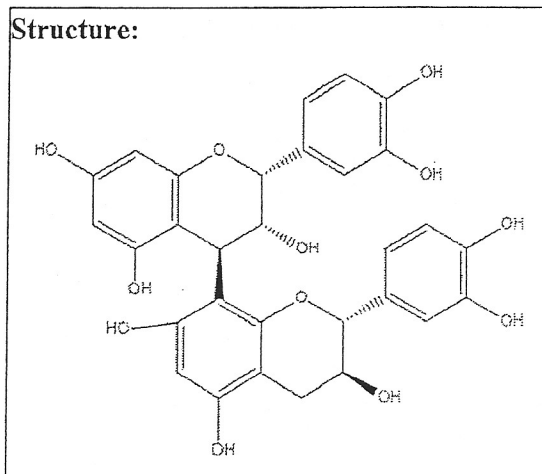
CAS Number: 20315-25-7

Mol. Formula: $C_{30}H_{26}O_{12}$

Mol. Weight: 578.52

Botanical Source: Grape Seed P.E

Structure:



Identification Method: Mass, NMR

Analysis Method of Purity: HPLC-DAD or/and HPLC-ELSD

Analytical result:

Test	Specification	Results
Appearance	Off-white powder	Off-white powder
Loss on drying	<3.0%	1.3%
Purity (HPLC)	≥96.0%	96.45%

Storage Condition:

Storage: Cool and Dry place, protected from light, keep package airproofed when not in use.

Expiration: two years (06-17-2014) under conditions list above.