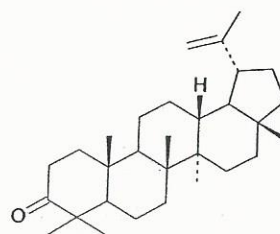


**INDOFINE Chemical Company, Inc.**

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**Certificate Of Analysis****020030****LUPENONE****Lot No.: 17041212****IDENTIFICATION**

CAS number	[1617-70-5]
Chemical family	Triterpenoids
Chemical name	20(29)-lupen-3-one
Molecular formula	C <sub>30</sub> H <sub>48</sub> O
Molecular weight	424.71

**ANALYSIS**

<b>TEST</b>	<b>SPECIFICATION</b> <i>(October 2010, version 01)</i>	<b>RESULT</b>
Appearance	White powder	White powder
Melting point	166-172°C	167-169°C
TLC	Silicagel Methylene chloride p-Anisaldehyde/acetic acid/sulfuric acid (1/40/1:V/V/V) then heating at 110°C 10 mn	Main spot
Assay (HPLC)*	≥95 %	Conform

\*Assay by an HPLC method

The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.

**STORAGE**

Store in a dry and dark place.  
Place in a desiccator under vacuum before use.