

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	21942
<b>Lot Number</b>	003021-190304
<b>Product</b>	<b>Podophyllotoxin</b>

(-)-Podophyllotoxin

<b>CAS Number</b>	4354-76-1 , 518-28-5
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>22</sub> O <sub>8</sub>
<b>Molecular Weight</b>	414.41

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<b>Appearance</b>	White powder
<b>Solubility</b>	Slightly soluble in water
<b>Odor</b>	Characteristic
<b>Heavy Metals</b>	< 10 ppm
<b>Cation</b>	Lead (Pb) : < 2.0 ppm Arsenic (As) : < 2.0 ppm
<b>Water Content (Karl Fisher)</b>	1.11%
<b>Fungi, Yeasts</b>	Fungi : < 100 cfu/g
<b>E. Coli</b>	Negative
<b>Microbial Count</b>	< 10000 cfu/g (Total Bacteria)
<b>Salmonella</b>	Negative
<b>Particle Size</b>	100% thr' 80 mesh
<b>Ash</b>	0.73%
<b>Purity by HPLC</b>	98.18%
<b>Storage</b>	Store at 0 - 8 °C
<b>Additional Information</b>	Pesticides : Negative

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**Remarks**

See material safety data sheet for additional information

For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**