

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	22995
<b>Lot Number</b>	002323-021214
<b>Product</b>	<b>8-Methoxypsoralen (Xanthotoxin)</b>  9-Methoxy-7 <i>H</i> -furo[3,2- <i>g</i> ][1]benzopyran-7-one  Xanthotoxin
<b>CAS Number</b>	298-81-7
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>8</sub> O <sub>4</sub>
<b>Molecular Weight</b>	216.2

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Soluble in Acetone. Clear solution in acetone. Insoluble in Water.
<b>Melting Point</b>	144-146 °C
<b>Heavy Metals</b>	0.00%
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	0.46%
<b>Organic Volatile Impurities</b>	Chloroform: 200 ppm Methanol: 2370 ppm
<b>Related Substances</b>	Chromatographic impurity: ≤ 1%
<b>Residue On Ignition</b>	0.08%
<b>Purity by HPLC</b>	99.00%
<b>Purity by TLC</b>	Complies with standard as per USP.
<b>Grade</b>	USP
<b>Storage</b>	Store at 0-8 °C

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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**