

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Certificate of Analysis*

<b>Catalogue Number</b>	21941
<b>Lot Number</b>	002084-131112
<b>Product</b>	<b>Piperine</b>  1-Piperonylpiperidine  1-[5-(1,3-Benzodioxol-5-yl)-2,4-pentadienoyl]piperidine
<b>CAS Number</b>	94-62-2
<b>Molecular Formula</b>	C <sub>17</sub> H <sub>19</sub> NO <sub>3</sub>
<b>Molecular Weight</b>	285.34
<b>Appearance</b>	Light yellow fine powder
<b>Melting Point</b>	128-129.5 °C
<b>Bulk density</b>	45-60g/100 mL
<b>Heavy Metals</b>	< 10 ppm (Total)
<b>Cation</b>	Arsenic (As): < 2 ppm Lead (Pb): < 2 ppm
<b>Yeast and Mold</b>	< 100 cfu/g (Total)
<b>Loss on Drying</b>	0.47%
<b>E. Coli, Salmonella, S.Aureus</b>	Negative
<b>Particle Size</b>	NLT 100% Through 80 mesh
<b>Purity by HPLC</b>	98.49%
<b>Storage</b>	Store at 0-8 °C
<b>Additional Information</b>	Total Plate Count: < 1000 cfu/g

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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**