

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	21877
<b>Product</b>	<b>Chlorogenic acid</b>
<b>Lot Number</b>	002057-0034-221111
<b>CAS Number</b>	327-97-9
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>18</sub> O <sub>9</sub>
<b>Molecular Weight</b>	354.31

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<b>Appearance</b>	Fine white powder
<b>Odor</b>	Typical to botanical
<b>Heavy Metals</b>	< 10 ppm (Total)
<b>Cation</b>	Arsenic (As) : < 1 ppm Cadmium (Cd) : < 1 ppm Lead (Pb) : < 3 ppm Mercury (Hg) : < 0.1ppm
<b>Water Content (Karl Fisher)</b>	3.12%
<b>Yeast and Mold</b>	< 1000 cfu/g
<b>E. Coli</b>	Absent/ 1g
<b>Microbial Count</b>	< 10,000 cfu/g (TPC)
<b>Salmonella</b>	Absent/ 10g
<b>Ash</b>	4.09% (525 °C, 5h)
<b>Purity by HPLC</b>	98.12%
<b>Storage</b>	Store at 0 - 8 °C
<b>Additional Information</b>	Taste : Typical to botanical Sieve analysis : 80

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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**