

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	35339
<b>Product</b>	<b>Diosmetin</b>
<b>Lot Number</b>	002942-190603 3',5,7-Trihydroxy-4'-methoxyflavone
<b>CAS Number</b>	520-34-3
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>12</sub> O <sub>6</sub>
<b>Molecular Weight</b>	300.26

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<b>Appearance</b>	Yellow powder
<b>Solubility</b>	Practically insoluble in water, soluble in dimethyl sulphoxide, practically insoluble in ethanol (96%). It dissolves in dilute solutions of alkali hydroxides
<b>Heavy Metals</b>	< 10 ppm
<b>Yeast and Mold</b>	< 10 / g
<b>Loss on Drying</b>	< 10 ppm
<b>Residual Solvents</b>	Methanol : 0 ppm Ethanol : 1162 ppm Pyridine : 12 ppm
<b>E. Coli</b>	Absence in 1g
<b>Microbial Count</b>	< 100 / g (TAMC)
<b>Particle Size</b>	100% pass thr' 80 mesh
<b>Sulfated Ash</b>	0.12%
<b>Purity by HPLC</b>	98.6%
<b>Storage</b>	Store at 2 - 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**