

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	42435
<b>Product</b>	<b>(+)-Taxifolin</b>
<b>Lot Number</b>	002781-0200236-21040 (2R,3R)-3,3',4',5,7-Pentahydroxyflavanone
<b>CAS Number</b>	480-18-2
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>12</sub> O <sub>7</sub>
<b>Molecular Weight</b>	304.25

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<b>Appearance</b>	Light yellow or off-white fine powder
<b>Odor</b>	Characterisitic odor
<b>Bulk density</b>	< 0.8 gm/ml
<b>Heavy Metals</b>	< 10 ppm
<b>Cation</b>	Lead (Pb) : < 2 ppm Arsenic (As) : < 1 ppm Mercury (Hg) : < 0.1 ppm Cadmium (Cd) : < 1 ppm
<b>Yeast and Mold</b>	< 100 cfu/g
<b>Loss on Drying</b>	2.68%
<b>E. Coli</b>	Negative
<b>Microbial Count</b>	< 1000 cfu/g
<b>Salmonella</b>	Negative
<b>Mesh Size</b>	95% pass thr' 80 mesh
<b>Ash</b>	0.31%
<b>Purity by HPLC</b>	98.13%
<b>Storage</b>	Store at ≤ -10 °C
<b>Additional Information</b>	Taste : Characteristic odor

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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**