

# *Chem-Impex International, Inc.*

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## *Product Specifications*

<b>Catalogue Number</b>	42441
<b>Product</b>	<b>Tangeretin</b> 4',5,6,7,8-Pentamethoxyflavone
<b>CAS Number</b>	481-53-8
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>20</sub> O <sub>7</sub>
<b>Molecular Weight</b>	372.37

---

<b>Appearance</b>	White powder
<b>Odor</b>	Characteristic
<b>Heavy Metals</b>	≤ 10 ppm
<b>Cation</b>	Lead (Pb) : ≤ 1 ppm Arsenic (As) : ≤ 2 ppm Cadmium (Cd) : ≤ 0.5 ppm Mercury (Hg) : Not detected
<b>Yeast and Mold</b>	≤ 100 cfu/g
<b>Loss on Drying</b>	≤ 5%
<b>E. Coli</b>	Negative
<b>Microbial Count</b>	≤ 1000 cfu/g (TPC)
<b>Salmonella</b>	Negative
<b>Particle Size</b>	100% passed thr' 80 mesh
<b>Residue On Ignition</b>	≤ 5%
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at 2 - 8 °C
<b>Additional Information</b>	Taste : Characteristic

**For Laboratory Use Only**