

# Chem-Impex International, Inc.

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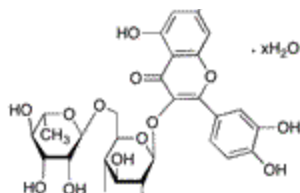
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	32186
<b>Product</b>	<b>Rutin hydrate</b> Quercetin-3-rutinoside hydrate Vitamin P hydrate
<b>CAS Number</b>	207671-50-9
<b>Molecular Formula</b>	$C_{27}H_{30}O_{16} \cdot H_2O$
<b>Molecular Weight</b>	610.52

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<b>Warnings</b>	<i>Light sensitive!</i>
<b>Appearance</b>	Yellow to greenish-yellow powder
<b>Bulk density</b>	$\geq 0.40$ gm/cc
<b>Heavy Metals</b>	$\leq 10$ ppm
<b>Cation</b>	Arsenic : $\leq 1.0$ ppm Mercury : $\leq 0.1$ ppm Cadmium : $\leq 1.0$ ppm Lead : $\leq 3.0$ ppm
<b>Mould and Yeast</b>	$\leq 100$ cfu/g
<b>Loss on Drying</b>	5.5 - 9.0%
<b>Residual Solvents</b>	Meets requirement of USP
<b>Coliform Organisms</b>	$\leq 10$ cfu/g
<b>E. Coli</b>	Negative
<b>Microbial Count</b>	$\leq 1000$ cfu/g
<b>Salmonella</b>	Negative
<b>Particle Size</b>	$\geq 95\%$ pass thr' 60 mesh
<b>Sulfated Ash</b>	$\leq 0.5\%$
<b>Assay by titration</b>	95 - 102% (On dry basis)

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<b>Grade</b>	USP / NF
<b>Storage</b>	Store at 2-8°C
<b>Additional Information</b>	Chlorophyll II : $\leq 0.004\%$ Red pigments : $\leq 0.004\%$ Quercetin : $\leq 5.0\%$ Pesticide Screen : Meets requirement of USP

**For Laboratory Use Only**