

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

Certificate of Analysis

Catalogue Number	42437
Lot Number	002941-230115
Product	3',4',5,7-Tetrahydroxyflavone Luteolin
CAS Number	491-70-3
Molecular Formula	C ₁₅ H ₁₀ O ₆
Molecular Weight	286.24

Appearance	Yellow-green fine powder
Odor	Characteristic odor
Melting Point	329 °C
Heavy Metals	< 10 ppm
Cation	Arsenic (As) : < 1 ppm Lead (Pb) : < 1 ppm Mercury (Hg) : < 0.5 ppm
Water Content (Karl Fisher)	0.8%
Yeast and Mold	< 100 cfu/g
Residual Solvents	Not detected
Solvent	Ethanol and Water
E. Coli	Negative
Microbial Count	< 1000 cfu/g (TPC)
Salmonella	Negative
Particle Size	98% pass through 80 mesh
Ash	1.72%
Purity by HPLC	98.87% (Luteolin)
Storage	Store at 2 - 8 °C
Additional Information	Taste : Characteristic taste Pesticide residue : 666 : < 0.2 ppm DDT : < 0.2 ppm

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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