

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	21891
Lot Number	002057-98-111203
Product	Chrysin 5,7-Dihydroxyflavone 5,7-Dihydroxy-2-phenyl-chromen-4-one
CAS Number	480-40-0
Molecular Formula	C ₁₅ H ₁₀ O ₄
Molecular Weight	254.24

Appearance	Fine, light yellow powder
Solubility	Partly soluble in hydro-alcoholic solution
Odor	Characteristic
Heavy Metals	< 10 ppm
Anion	Sulphate : < 0.5% Chlorate (Cl) : < 1 ppm
Cation	Arsenic (As) : < 2 ppm Cadmium (Cd): < 1 ppm Lead (Pb): < 1 ppm
Yeast and Mold	< 50 cfu/g
Insoluble	< 10 ppm (in ethanol)
Loss on Drying	0.23%
Residual Solvents	Ethanol: < 0.2%
E. Coli, Salmonella, S.Aureus	Negative
Microbial Count	< 1000 cfu/g (TPC)
Pseudomonas Aeruginosa	Absent
Mesh Size	100% pass through 80 mesh
Ash	0.33%
Purity by HPLC	98.21%
Storage	Store at 0-8°C

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Additional Information

Taste : Characteristic
Sterilization Method: High temperature and high pressure for short
time (5"-10")(Free from Gamma irradiation)
Phosphate Organics: < 1 ppm
Aflatoxins : Absent

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