

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	24132
Product	Formononetin
Lot Number	002600-20160310
	7-Hydroxy-3-(4-methoxyphenyl)chromone 7-Hydroxy-4'-methoxyisoflavone
CAS Number	485-72-3
Molecular Formula	C ₁₆ H ₁₂ O ₄
Molecular Weight	268.27

Appearance	White to light yellow fine powder
Heavy Metals	< 10 ppm
Cation	Lead (Pb): < 3 ppm Arsenic (As): < 2 ppm Cadmium (Cd): < 1 ppm Mercury (Hg): < 1 ppm
Yeast and Mold	< 100 cfu/g
Loss on Drying	2.01%
Residual Solvents	Ethanol: < 5000 ppm Methanol: < 3000 ppm
E. Coli	Negative
Salmonella	Negative
Mesh Size	Pass through 80 mesh size: > 95%
Ash	0.88% (700 °C, 2h)
Purity by HPLC	98.85%
Grade	USP
Storage	Store at 0-8 °C
Additional Information	Extract solvent: Alcohol and Water Odor and Taste: Characteristic Total plate count: < 5000 cfu/g GMO Status: Non GMO Irradiation status: Irradiation free

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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