

Chem-Impex International, Inc.

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825 Dillon Drive

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Certificate of Analysis

Catalogue Number	32186
Lot Number	002241-01-1809002
Product	Rutin hydrate

Quercetin-3-rutinoside hydrate

CAS Number	207671-50-9
Molecular Formula	C ₂₇ H ₃₀ O ₁₆ •H ₂ O
Molecular Weight	610.52

Appearance	Yellow to greenish-yellow powder
Bulk density	0.56 gm/cc
Heavy Metals	< 10 ppm
Cation	Arsenic : < 1.0 ppm Mercury : < 0.1 ppm Cadmium : < 1.0 ppm Lead : < 3.0 ppm
Mould and Yeast	< 10 cfu/g
Loss on Drying	5.76%
Residual Solvents	Meets requirement of USP
Coliform Organisms	< 10 cfu/g
E. Coli	Negative
Microbial Count	< 10 cfu/g
Salmonella	Negative
Particle Size	> 95% pass thr' 60 mesh
Sulfated Ash	0.16%
Assay by titration	96.05% (On dry basis)
Grade	USP / NF
Storage	Store at 2-8°C

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Additional Information

Chlorophyll II : < 0.004%
Red pigments : < 0.004%
Quercetin : < 5.0%
Pesticide Screen : Meets requirement of USP

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