

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	32412
Lot Number	002964-8808
Product	α-Glucosyl hesperidin
CAS Number	161713-86-6
Molecular Formula	C ₃₄ H ₄₄ O ₂₀
Molecular Weight	772.71

Appearance	Light yellow to yellowish brown powder
Clarity & Color	Solution is clear and light yellow to yellow (1.0 in 10)
Odor	Characteristic
Heavy Metals	< 20 ppm (as Pb)
Cation	Arsenic (As ₂ O ₃): < 2 ppm
Infrared Spectrum	Conforms to structure
Loss on Drying	3% (120 °C, 2h)
Microbial Count	< 100 cfu/g (TAMC)
Residue On Ignition	0%
Purity	77.5%
Storage	Store at RT
Additional Information	Identification: 1) Dissolve 5 mg of test substance in 10 ml of diluted ethanol (1 in 2) & add 1-2 drops of ferric chloride solution (1 in 50) : Brown color develops. 2) Dissolve 5 mg of test substance in 5 ml of water & add 2 ml of HCl and 0.05 g of magnesium powder. Red-Purple color develops

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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