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Certificate of Analysis

Catalogue Number	35332
Lot Number	002942-191101
Product	Hesperidine methylchalcone (<i>E</i>)-1-[4-[[6- <i>O</i> -(6-Deoxy- α -L-mannopyranosyl)- β -D-glucopyranosyl]oxy]-2-hydroxy-6-methoxyphenyl]-3-(3-hydroxy-4-methoxyphenyl)-2-propen-1-one
CAS Number	24292-52-2
Molecular Formula	C ₂₉ H ₃₆ O ₁₅
Molecular Weight	624.59
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Appearance	Yellow powder
Solubility	Freely soluble in water; soluble in ethanol (96%); soluble in acetone.
Odor	Odorless
Bulk density	0.52 g/mL
Heavy Metals	< 10 ppm
Yeast and Mold	< 10 / g
Optical Rotation	[α] _D ²⁰ = -77 °
Infrared Spectrum	Conforms to structure
Loss on Drying	3.5%
Residual Solvents	Methanol : 19 ppm Ethanol : 12 ppm
E. Coli	Absence in 1g
Microbial Count	< 100 / g (TAMC)
Particle Size	100% pass thr' 80 mesh
Sulfated Ash	0.08%
Purity by UV	99.9% (Anhydrous substance)
Storage	Store at RT
Additional Information	Tapped density : 0.71 g/mL Melamine : Negative

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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