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Product Specifications

Catalogue Number	35332
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
Appearance	Yellow powder
Solubility	Freely soluble in water; soluble in ethanol (96%); soluble in acetone.
Odor	Odorless
Bulk density	≥ 0.40 g/mL
Heavy Metals	≤ 10 ppm
Yeast and Mold	≤ 100 / g
Optical Rotation	$[\alpha]_D^{20} = -70$ to -85 °
Infrared Spectrum	Conforms to structure
Loss on Drying	$\leq 5\%$
Residual Solvents	Methanol : ≤ 3000 ppm Ethanol : ≤ 5000 ppm
E. Coli	Absence in 1g
Microbial Count	≤ 1000 / g (TAMC)
Particle Size	100% pass thr' 80 mesh
Sulfated Ash	$\leq 0.5\%$
Purity by UV	$\geq 99\%$ (Anhydrous substance)
Storage	Store at RT

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Additional Information Tapped density : ≥ 0.60 g/mL
Melamine : Negative

For Laboratory Use Only