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Certificate of Analysis

Catalogue Number	42414
Lot Number	002923-220411
Product	Dihydromyricetin (2 <i>R</i> ,3 <i>R</i>)-3,5,7-Trihydroxy-2-(3,4,5-trihydroxyphenyl)-2,3-
CAS Number	27200-12-0
Molecular Formula	C ₁₅ H ₁₂ O ₈
Molecular Weight	320.25

Appearance	Fine off-white to snow white powder
Solubility	Soluble in Ethanol, hardly in water
Odor	Characteristic odor
Bulk density	35 - 50 g/100 ml
Heavy Metals	< 10 ppm
Cation	Arsenic (As) : < 2 ppm Lead (Pb) : < 2 ppm, Cadmium (Cd) : < 1 ppm, Mercury (Hg) : < 0.1 ppm
Yeast and Mold	10 cfu/g
Loss on Drying	1.37% (105 °C, 2h)
Residual Solvents	< 0.05%
Solvent	Ethanol ad water
E. Coli	Negative
Microbial Count	300 cfu/g (TPC)
Salmonella	Absent
Staphylococcus Aureus	Negative
Particle Size	100% pass thru' 80 mesh
Ash	1.16% (525 °C, 3h)
Purity by HPLC	98.13%
Storage	Store at 2 - 8 °C
Additional Information	Excipients : None

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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