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Product Specifications

Catalogue Number	42239
Product	Troxerutin 3',4',7-Tris[O-(2-hydroxyethyl)]rutin Trihydroxyethylrutin
CAS Number	7085-55-4
Molecular Formula	C ₃₃ H ₄₂ O ₁₉
Molecular Weight	742.68

Warnings	<i>Heat sensitive! Hygroscopic!</i>
Appearance	Yellowish-green crystalline powder
Solubility	Soluble in water. Slightly soluble in ethanol. Practically insoluble in methylene chloride
Odor	Characteristic
Heavy Metals	≤ 10 ppm
Cation	Arsenic (As) : ≤ 1 ppm Lead (Pb) : ≤ 2 ppm Mercury (Hg) : ≤ 0.1 ppm Cadmium (Cd) : ≤ 1 ppm
Yeast and Mold	≤ 100 cfu/g
Infrared Spectrum	Conforms to structure
Loss on Drying	≤ 5%
Residual Solvents	Methanol : ≤ 3000 ppm
E. Coli	Negative
Microbial Count	≤ 1000 cfu/g (TPC)
Salmonella	Negative
Mesh Size	95% pass thr 60 mesh
Related Substances	Tetrakis (hydroxyethyl)rutin : ≤ 5% Mono (hydroxyethyl)rutin : ≤ 5% Bis (hydroxyethyl)rutin : ≤ 5% Ethylene oxide : ≤ 1 ppm
Sulfated Ash	≤ 0.4%

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Assay	95 - 105% (UV, on dry basis)
Grade	EP
Storage	Store at ≤ -4 °C
Additional Information	Taste : Characteristic

For Laboratory Use Only