



Quercetin Dihydrate

CAS No: 6151-25-3

FORMULA C₁₅H₁₀O₇
 DESCRIPTION Yellow Powder
 GRADE HPLC
 CATEGORY Raw material
 SPECIFICATION

ITEMS	STANDARD
Appearance	Yellow Powder
Identification	Must positive
Melting Point	305°C-315°C
Particle Size	95% pass through Sieve #80 Mesh
Reducing Sugars	Not be detected
Sulfate	≤1000ppm
Chloride	≤1000ppm
Bulk Density	≥0.20 gm/cc
Tapped Density	≥0.30 gm/cc
Heavy Metals	≤10ppm
-Arsenic	≤1ppm
-Mercury	≤0.1ppm
-Cadmium	≤1ppm
-Lead	≤3ppm
Ash	≤0.30%
Loss on drying	≤12.0%
Assay by HPLC	≥95.0%
Microbiological Test	
Total Plate Count	≤1000cfu/g
Mildew&Yeast	≤100cfu/g
E.Coli	Negative
Salmonella	Negative
Coliforms	≤10cfm/g

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