

## Quercetin Dihydrate Powder

### Product Characteristics

Botanical Name	<i>Sophorae japonica</i>
Plant Part	Flower
Appearance	Yellow powder
Country of Origin	China

Profile	Method	Specification
Identification	HPLC	Positive
Melting point	MP apparatus	305 - 315°C
Particle analysis	Sieve	≥ 95.0% through 80 mesh
Reducing sugars	Chem reaction	None detected
Sulfate	CP 2015	≤ 1,000 ppm
Chloride	CP 2015	≤ 1,000 ppm
Bulk density	CP 2015	≥ 0.10 g/cc
Heavy metals	Vis colorimetry	≤ 10.0 ppm
Arsenic	ICP-MS	≤ 1.0 ppm
Mercury	ICP-MS	≤ 0.1 ppm
Cadmium	ICP-MS	≤ 1.0 ppm
Lead	ICP-MS	≤ 3.0 ppm
Sulfated ash	EP 9.0	≤ 0.30%
Water	KF	≤ 12.0%
Assay	HPLC	≥ 95.0%
Residual solvents	USP	Meets USP <467>
Pesticide residue	USP	Meets USP <561>
Total aerobic plate count	CP 2015	≤ 1,000 CFU/g
Yeast and mold	CP 2015	≤ 100 CFU/g
E. Coli	CP 2015	Negative
Salmonella	CP 2015	Negative
Coliforms	CP 2015	≤ 10 CFU/g

### Storage

Store in tight containers, protected from light, moisture and heat.

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