

Specification of Dihydroquercetin

Product: Dihydroquercetin

Type: Food Grade

Package:25KG Drum

ANALYSIS ITEM	SPECIFICATION	METHOD
Assay:		
Dihydroquercetin	≥50%	HPLC
Appearance	Fine Powder	Organoleptic
Color	Yellow	Organoleptic
Odor & taste	Characteristic	Organoleptic
Identification	Identical to <i>R.S.</i> sample	HPTLC
Loss on Drying	≤5.0%	Eur.Ph. <2.8.17>
Total ash	≤10.0%	Eur.Ph. <2.4.16>
Sieve analysis	95% through 80 mesh	Eur.Ph. <2.9.12>
Heavy metals:		
Lead(Pb)	≤3.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS
Arsenic(As)	≤2.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS
Cadmium(Cd)	≤1.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS
Mercury(Hg)	≤0.1 mg/kg	Eur.Ph. <2.2.58>ICP-MS
Residual solvents	Meet Eur.Ph. <2.4.24>	Eur.Ph. <2.4.24>
Residual pesticides	Meet Eur.Ph. <2.8.13>	Eur.Ph. <2.8.13>
Non irradiated	≤700	EN <13751:2002>
Microbiology	Irradiation	Non irradiated
Total Plate Count	≤1000cfu/g	≤10000cfu/g Eur.Ph. <2.6.12>
Yeast & Mold	≤100cfu/g	≤1000cfu/g Eur.Ph. <2.6.12>
E.Coli	Negative	Negative Eur.Ph. <2.6.13>
Salmonella	Negative	Negative Eur.Ph. <2.6.13>

Meet in-house Standard