

# EffePharm (Shanghai) Co., Ltd

Bld 4, No.1, Mid Wangdong Rd, Shanghai, China



## Specification Sheet

Product Information		
Product Name	Quercetin 95%	
Botanical Latin Name	Sophora Japonica.L	
CAS#	633-65-8	
Molecular Formula	C20H18CINO4	
Formula Weight	371.82	
Country of Origin	P.R. China	
Reference	In House	
Item	Specification	Test Method
Active Ingredient		
Assay	Quercetin $\geq 95\%$	HPLC
	Quercetin $\geq 98\%$	UV
Identification	Conforms to Standard	TLC
Physical Control		
Appearance	Yellow, crystalline powder	Visual
Odor&taste	Characteristic	Organoleptic
Solubility	Practically insoluble in water	ChP
	Soluble in aqueous alkaline sol.	ChP
Melting point	305°C-315°C	ChP
Loss on drying	9%-12%	USP
Sulphated Ash	<0.5%	USP
Particle Size	100% pass 80 mesh	USP
Bulk Density	>0.15 g/mL	USP
Chemical Control		
Heavy metals	$\leq 10$ ppm	USP
Lead (Pb)	<3.00 ppm	ICP-MS
Arsenic (As)	<1.00 ppm	ICP-MS
Cadmium (Cd)	<1.00 ppm	ICP-MS
Mercury (Hg)	<0.10 ppm	ICP-MS
Microbiological Control		
Total Plate Count	<10,00 cfu/g	AOAC 990.12
Yeast & Mold	<1,00 cfu/g	AOAC 997.02
Salmonella Species	Negative	AOAC-RI 061301
Staphylococcus Aureus	Negative	AOAC-OMA 2003.07
E.Coli	Negative	AOAC-OMA 991.14
Packing and Storage		
Packing	Packed in paper-drums and two plastic-bags inside.	
Storage	Keep in cool & dry place. Keep away from strong light and heat.	
Shelf Life	24 months under the conditions above and in its original packaging.	

Prepared by Zhongping Xu



Approved by Xueyu Yan