

Manufacturer Add:
Industrial Park in Wugong County,
Xianyang City, Shaanxi Province, China

www.fzbiotech.com
E-mail: sales@fengzusw.com
Tel.: 86-029-8129-4858

CERTIFICATE OF ANALYSIS

Product Name	Phloretin		
Botanical Name	Malus Pumila Mill		
Batch Number	20180313	Manufacture Date	20180313
Country of Origin	China		
Part Used	Branch		
Report Date	20180315	Expiry Date	20200312

Item of Analysis	Specification	Results	Test Methods
Phloretin	NLT98%	98.24%	HPLC
Organoleptic			
Appearance	Powder	Conforms	Visual
Color	Light pink Powder	Conforms	Organoleptic
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Olfactory
Physical Characteristics			
Particle Size	100% pass 80 mesh	Conforms	CP2015
Loss on drying	1%NMT (%)	0.32%	CP2015(105°C, 3h)
Total ash	1%NMT (%)	0.13%	CP2015(600°C, 4h)
Residue of Solvents	None	Conform	NLS-QCS-1007
Heavy metals			
Total Heavy Metals	10ppm Max	Conform	CP2015(AAS)
Lead (Pb)	2ppm NMT	Conform	CP2015(AAS)
Arsenic (As)	2ppm NMT	Conform	CP2015(AAS)
Cadmium (Cd)	1ppm NMT	Conform	CP2015(AAS)
Mercury (Hg)	1ppm NMT	Conform	CP2015(AAS)
Microbiological Tests			
Total Plate Count	1000cfu/g Max	Conform	CP2015
Yeast & Mold	100cfu/g Max	Conform	CP2015
E. Coli.	Negative	Conform	CP2015
Salmonella	Negative	Conform	CP2015
Staphylococcus	Negative	Conform	CP2015

Inspector: MaJie

Reexamining: Li XiaoHu

Verification: Gao Jin

