Chengdu Kindarco Biotech Co, Ltd.

Phloretin COA

成都康辉生物科技有限公司
Chengdu Kanghui Bio-technology Co., Ltd

CERTIFICATE OF ANALYSIS

Product:	**Phloretin （Non-irradiation）**		
Botanical Name	*Pyrus Malus*	**Batch Number**	KHPH20200301
Part Used	Root	**Quantity**	266kgs
CAS NO	60-82-2	**Product Code**	KH023-1
Manufacture Date	Mar.10, 2020	**Expiry Date**	Mar.09, 2022
Report Date	Mar.16, 2020	**Country of Origin**	China
Extract method: Fermentation	**Purifying Solvent:** Ethanol		
packing specifications、container: 15kgs 、2 double PE Bags /1kraft drum			
Storage: Keep sealed in dry and cool place			

Test Description	Standard	Results	Methods
Appearance	Off-white powder	Conforms	Visual method
Odor	None to slight	Conforms	Smell
Particle size	95%Through 80 mesh	Conforms	CP2015
Solubility	Clear	Conforms	----------
Heavy metals	≤10ppm	<10ppm	Colorimetry
As	≤1ppm	<1ppm	AAS
Hg	≤0.1ppm	<0.1ppm	AAS
Pb	≤1ppm	<1ppm	AAS
Cd	≤1ppm	<1ppm	AAS
Water	≤5.0%	1.12%	KF
Ashes	≤0.1%	0.08%	CP2015
Methanol	≤100ppm	2ppm	GC Method
Ethanol	≤1000ppm	350ppm	GC Method
Assay(on dry product)	≥98.0%	98.9%	HPLC method
Microbiological **-- Bacteria** **-- Yeast & Mould** **-- Salmonella** **-- Escherichia coli**	 ≤1,000cfu/g ≤100cfu/g Negative Negative	 Conforms Conforms Negative Negative	CP2015

This product is tested according to in-house standard and the results meet the specifications.

Manager of Quality Unit _____
(XIE CHENG GUO)

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