



### Certificate of Analysis

Product Name	Artichoke Extract	Batch No.	ZY-CXJ230629
Manufacturing Date	2023.06.29	Batch quantity	1570kg
Analysis Date	2023.06.29	Report Date	2023.07.02

#### Assay

Item	Specification	Result	Method
Artichoke Extract	10:1	Conforms	TLC

#### Physical and Chemical Property

Appearance	Yellow brown fine powder	Conforms	Visual
Odor & Taste	Characteristic	Characteristic	Organoleptic
Particle size	≥98% through 80 mesh	Conforms	Screening
Loss on drying	≤5.0%	3.01%	3g/105°C/2hrs
Ash Content	≤5.0%	2.58%	3g/550°C/4hrs
Tap Density	0.5-0.9 g/ml	0.53g/ml	GB/T21354-2008
Bulk Density	0.3-0.5 g/ml	0.38g/ml	GB/20316.2-2006
Solubility	Soluble in water	Conforms	CP2015
<b>Heavy metal</b>	<b>≤10ppm</b>	<b>Conforms</b>	ICP-MS
As	≤1ppm	Conforms	ICP-MS
Pb	≤1ppm	Conforms	ICP-MS
Cd	≤0.5ppm	Conforms	ICP-MS
Hg	≤0.3ppm	Conforms	ICP-MS
Solvent residue	≤ 5000ppm	2560ppm	CP2015

#### Microbiological Test

Total Plate Count	≤1000cfu/g	801	AOAC 990.12
Yeast & Mold	≤100cfu/g	53	AOAC 997.02
E.coil	None	Negative	AOAC 991.14
Staphylococcus aureus	None	Negative	AOAC 2003.07
Salmonella	None	Negative	AOAC 998.09

<b>Conclusion</b>	The test result is qualified, can leave the factory.		
<b>Shelf life</b>	24 months under the conditions below and in its original packaging.		
<b>Storage</b>	Preserve in well-closed containers, protect from light and moisture, store at room temperature		

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