

CERTIFICATE OF ANALYSIS

Product Name	Apple cider vinegar	Botanical Source	<i>Malus domestica</i>
Country of Origin	China	Plant Part	Fruit
ITEM	SPECIFICATION	RESULT	TEST METHOD
Physical Description			
Appearance	Off-white powder	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Olfactory
Particle size	100% through 80 mesh	Conforms	CP2020
Chemical Tests			
Assay	≥10%	10.23%	HPLC
Loss on drying	≤5.0%	3.25%	CP2020 (105 °C, 3 h)
Ash	≤2.0 %	0.65%	CP2020 (600 °C, 4 h)
Heavy Metals	≤10 ppm	Conforms	CP2020
Lead (Pb)	≤2 ppm	Conforms	CP2020(AAS)
Arsenic (As)	≤2 ppm	Conforms	CP2020(AAS)
Cadmium (Cd)	≤1 ppm	Conforms	CP2020(AAS)
Microbiology Control			
Aerobic bacterial count	≤1,000 CFU/g	Conforms	CP2020
Total Yeast & Mold	≤100 CFU/g	Conforms	CP2020
Escherichia coli	Negative	Conforms	CP2020
Salmonella	Negative	Conforms	CP2020
Conclusion	Conforms to specification		
Storage:	Store in tightly sealed and preferably full containers in cool, dry and ventilated area.		
Shelf Life	24 months when properly stored.		
Status:	Non-irradiation; Non-GMO; No Carrier; Halal & Kosher certified.		

QA:

Fei Wang

QC:

Fei Zhao

