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Nutripharma

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Certificate of Analysis

Product Name	Apple Polyphenols	Batch Size	500 kg
CAS No.	N/A	Batch No.	AP20191021
Botanical Source	<i>Malus pumila</i> Mill.	MFG. Date	Oct. 21, 2019
Plant Part	Fruit	Retest Date	Oct. 20, 2021
Country of Origin	China	Issue Date	Oct. 28, 2019
ITEM	SPECIFICATION	RESULT	TEST METHOD
Physical Description			
<i>Appearance</i>	Light Brown or Brownish Red Powder	Conforms	Visual
<i>Odor</i>	Characteristic	Conforms	Organoleptic
<i>Taste</i>	Characteristic	Conforms	Olfactory
<i>Particle size</i>	100% pass through 80 mesh sieve	Conforms	CP2015
Chemical Tests			
<i>Assay</i>	≥30.0%	31.20%	UV
<i>Loss on drying</i>	≤5.0%	3.51%	CP2015 (105 °C, 3 h)
<i>Ash</i>	≤3.0%	3.56%	CP2015 (600 °C, 4 h)
<i>Heavy Metals</i>	≤20 ppm	Conforms	CP2015
<i>Lead (Pb)</i>	≤1 ppm	Conforms	CP2015(AAS)
<i>Arsenic (As)</i>	≤0.5 ppm	Conforms	CP2015(AAS)
<i>Cadmium (Cd)</i>	≤0.1 ppm	Conforms	CP2015(AAS)
<i>Mercury (Hg)</i>	≤0.5 ppm	Conforms	CP2015(AAS)
Microbiology Control			
<i>Aerobic bacterial count</i>	≤1,000 cfu/g	Conforms	CP2015
<i>Total Yeast & Mold</i>	≤100 cfu/g	Conforms	CP2015
<i>Escherichia coli.</i>	Negative	Conforms	CP2015
<i>Salmonella</i>	Negative	Conforms	CP2015
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: Lijia

QC: Liyaqiang

