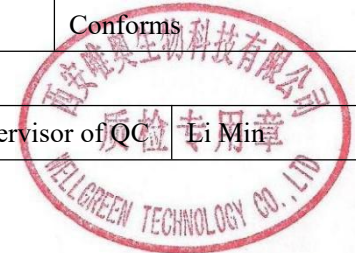




CERTIFICATE OF ANALYSIS

Product	Apple cider vinegar powder				
Batch No.	210520	Packing	25kg/drum		
Quantity	5000kg	Country of Origin	China		
Botanical Latin Name	Malus domestica	Product Date	2022/5/20		
Plant Part	Fruit	Expiry Date	2024/5/19		
Items & Results					
Item	Spec.	Result			
Appearance	White Powder or Off-white powder	Conforms			
Odor	Characteristic	Conforms			
Taste	Characteristic	Conforms			
Bulk Density	50-60g/100ml	55g/100ml			
Particle Size	100% Through 80 Mesh	Conforms			
Total Acidity (Acetic acid)	$\geq 10\%$	10.23%			
Loss on Drying	$\leq 5.0\%$	3.25%			
Ash	$\leq 2.0\%$	0.65%			
Total Heavy Metals	≤ 10 ppm	Conforms			
Cadmium (Cd)	≤ 1 ppm	Conforms			
Mercury (Hg)	≤ 1 ppm	Conforms			
Lead (Pb)	≤ 2 ppm	Conforms			
Arsenic (As)	≤ 2 ppm	Conforms			
Microbiology Control					
Total Plate Count	$\leq 1,000$ cfu/g	Conforms			
Moulds&Yeast	≤ 100 cfu/g	Conforms			
Escherichia Coli	Negative	Conforms			
Salmonella	Negative	Conforms			
Conclusion	Conform to Enterprise standard				
Analyst	Ma Liang	Review	Liu Aiqin	Supervisor of QC	Li Min



Nutrition Facts



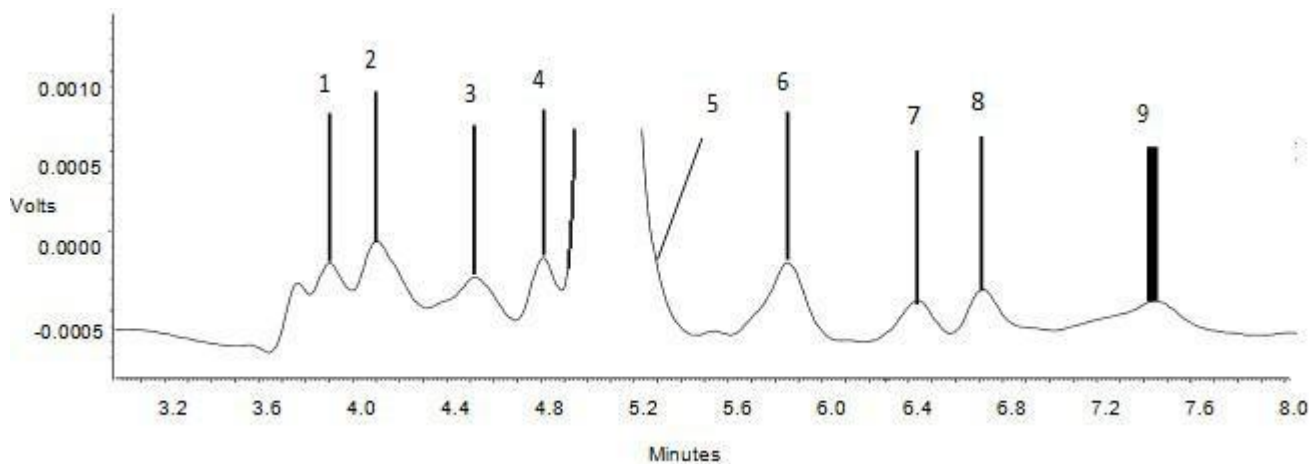
Item	Data/100g	NRVs(%)	Item	Data/100g	NRVs(%)
Calorie	54kcal	2.7	Dietary fiber	1.2g	4.8
Protein	0.2g	0.3	Calcium	4mg	0.5
Carbohydrate	95.6g	4.5	Iron	0.6mg	4
Fats	0.2g	0.3	Sodium	1.6mg	0.1
Saturated fat	1.6g	8	Potassium	119mg	6.0
Cholesterol	0mg	0			

Chromatographic column: C18 250×4.6mm

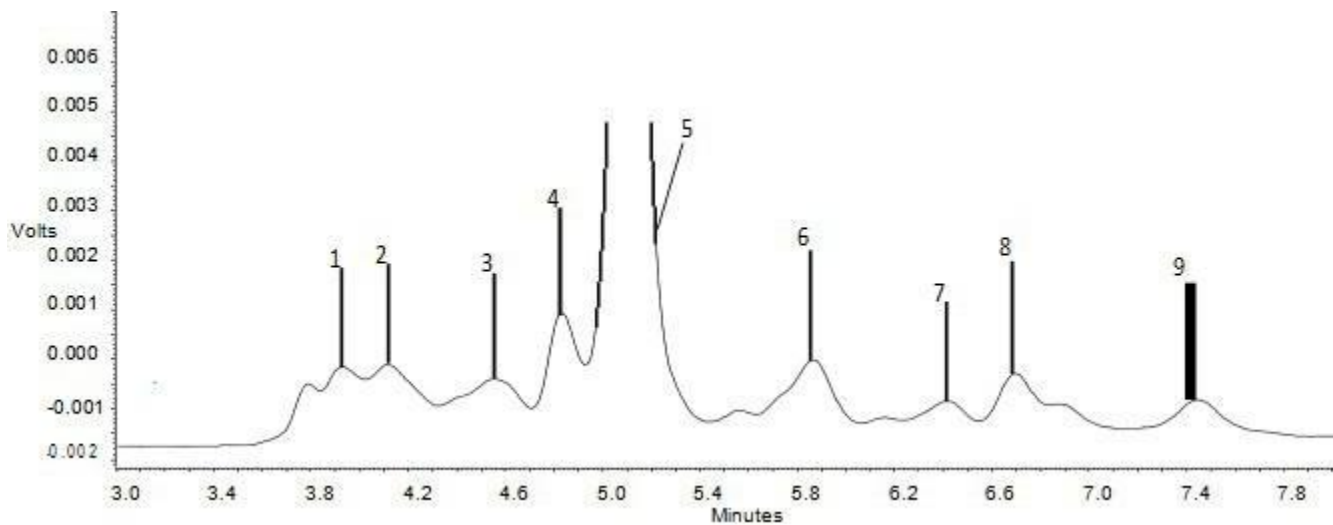
Detection wavelength: 210nm

Mobile phase: 0.03mol/L KDP: Phosphoric acid (V/V) =1000: 2.5

1. ACV HPLC Testing Map



2. ACV Powder HPLC Testing Map



Number	Name	Peak time	Number	Name	Peak time
1	Oxalic acid	3.93	5	Acetic acid	5.00
2	Tartaric acid	4.12	6	Citric acid	5.86
3	Malic acid	4.28	7	Fumaric acid	6.17
4	Lactic acid	4.66			