



Xi'an Green Spring Technology Co.,Ltd

### Certificate of Analysis

#### General Information

Product Name:	Blueberry Extract	Part Used:	Fruit
Batch Number:	24041301GS	Production Date:	Apr. 13, 2024

Item	Specification	Result	Method
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#### Physical and Chemical Property

Content:	Anthocyanin $\geq$ 25%	25.08%	UV
Identification	Conforms with TLC	Conforms	TLC
Appearance	Dark Purple Powder	Conforms	Visual
Particle Size	$\geq$ 95% through 80 mesh	Conforms	Screening
Residue on Ignition	$\leq$ 5g/100g	3.52g/100g	3g/550°C/4hrs
Loss on Drying	$\leq$ 5g/100g	3.05g/100g	3g/105°C/2hrs

#### Residue Analysis

Heavy Metals	$\leq$ 10mg/kg	Conforms	
Lead(Pb)	$\leq$ 3.00mg/kg	Conforms	ICP-MS
Arsenic(As)	$\leq$ 2.00mg/kg	Conforms	ICP-MS
Cadmium(Cd)	$\leq$ 1.00mg/kg	Conforms	ICP-MS
Mercury(Hg)	$\leq$ 0.50mg/kg	Conforms	ICP-MS

#### Microbiological Tests

Total Plate Count	$\leq$ 1000cfu/g	200cfu/g	AOAC 990.12
Total Yeast & Mold	$\leq$ 100cfu/g	10cfu/g	AOAC 997.02
E.Coli.	Negative/10g	Conforms	AOAC 991.14
Salmonella	Negative/10g	Conforms	AOAC 998.09
S.aureus	Negative/10g	Conforms	AOAC 2003.07

Conclusion: Conform with specification.

Storage: Keep in cool & dry place. Keep away from strong light and heat.

Packing: By 25kgs/Drum, inner by plastic bag.

Shelf life: Two Years under the above condition, and in it's original package.

Quality Assurance: Liang Yan

