



Xi'an Green Spring Technology Co.,Ltd

Certificate of Analysis

General Information			
Product Name:	Beta Carotene	Part Used:	Fermentation
Item	Specification Method	Result	Method
Physical and Chemical Property			
Appearance	Orange Powder	Conforms	Visual
Particle Size	>95% through 80 mesh	Conforms	Screening
Residue on Ignition	<5g.'100g	3.52g/100g	3g.550t.'4hrs
Loss on Drying	<5g.'100g	3.05g/100g	3g/105t/2hrs
Identification	Conforms with TLC	Conforms	TLC
Content:	Beta Carotene > 98%	98.08%	HPLC
Residue Analysis			
Heavy Metals	<10mg.kg	Conforms	
Lead (Pb)	<3.00mg.kg	Conforms	ICP-MS
Arsenic (As)	<2.00mg.kg	Conforms	ICP-MS
Cadmium (Cd)	<1.00mgkg	Conforms	ICP-MS
Mercury (Hg)	<0.50mg.kg	Conforms	ICP-MS
Microbiological Tests			
Total Plate Count	<1000cfu'g	200cfu.'g	AOAC 990.12
Total Yeast & Mold	<100cfiLg	10cfiig	AOAC 997.02
E.CoU.	Negated Og	Conforms	AOAC 991.14
Salmonella	Negative'1Og	Conforms	AOAC 998.09
S. aureus	Negative'1Og	Conforms	AOAC 2003.07
Product Status			
Conclusion:	Sample Qualified.		
Shelf Life:	24 months under the conditions below and in original packaging.		
Retest date:	Retest every 24 month ; under the conditions below and in its original packaging.		
Storage:	Store in a cool, dry place away from Moisture Light.		

Quality Assurance: Liang Yan

