



## Xi'an Youth Biotech Co., Ltd

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### Certificate of Analysis

Product Name	Astaxanthin Powder	Specification	5%
Batch No.	20210915	Package	25kg/drum
Test Date	20210915	Quantity	100 kg
Manufacturing Date	20210915	Expiry Date	20230914
Standard	Q/AEF 0011 S	Sources	Haematococcus pluvialis

Items	Standards	Results	Individual Judgment
Appearance	The red powder, without odor, no smelly coke and other rancidity peculiar smell.	The red powder, no peculiar smell.	Q/AEF 0011 S
Mesh	100 % pass 80mesh	Comform	Q/AEF 0011 S
Astaxanthin content(%) (UV)	$\geq 5.0$	5.42	Q/AEF 0011 S
Moisture(%)	$\leq 10$	1.12	GB 5009.3
Ash(%)	$\leq 15$	0.62	GB 5009.4
Pb(mg/kg)	$\leq 0.8$	<0.07	GB 5009.12
Total Plate Count(CFU/g)	$\leq 30000$	180	GB 4789.2
E.coil(MPN/100g)	$\leq 0.92$	<0.3	GB 4789.3
Yeast&Mould(CFU/g)	$\leq 50$	<10	GB 4789.15
Salmonella/25g	Negative	Negative	Comform
Shigella/25g	Negative	Negative	Comform
Staphylococcus aureus Rosenbach/25g	Negative	Negative	Comform
Vibrio parahaemolyticus/25g	Negative	Negative	Comform
Conclusions	According to the above test for inspection, the results comply with standard of Q/AEF 0011 S.		

Storage: Store in a cool, dry place away from Moisture, Light, Oxygen  
Shelf life: 24 months under the conditions below, no antioxidant used

Approved: Bin Zhang

