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Certificate of Analysis

Product Name	Astaxanthin (pigment) Powder		
CAS No.	472-61-7	M.F.	C40H52O4
Production Date	2020-09-20	Batch No.	QA20200920
Expiry Date	2022-09-19	Report Date	2020-09-28
Original			
ITEMS	SPECIFICATIONS		RESULTS
Appearance	Dark Red powder		Complies
Odor & Tasted	Characteristic		Complies
Assay(%)	≥1.0 HPLC		1.2
Loss on Drying(%)	≤5.0		2.8
Ash(%)	≤5.0		1.6
Particle size(%)	100% through 80 mesh sieves		Complies
Heavy Metals			
Heavy Metal(ppm)	≤10.0		Complies
Pb(ppm)	≤1.0		Complies
As(ppm)	≤1.0		Complies
Hg(ppm)	≤0.1		Complies
Cd(ppm)	≤1.0		Complies
Microbiological Tests			
Total Plate Count(cfu/g)	≤1000		Complies
Yeasts and Moulds(cfu/g)	≤100		Complies
E.coli(cfu/g)	Negative		Complies
Salmonella	Negative		Complies
Conclusion	Conform to the standard.		
Packing	25kg/drum		
Storage and Handling	Store in a cool and dry place, keep away from direct strong and heat.		
Shelf life	Two years if sealed and store away from direct sun light.		

QC: Li Ting

QA: Tian Wen

