

Certificate Of Analysis

Product Name	Lycopene	Package	Vacuum-packed
Batch No.	FQHS20072201	Manufacturing Date	Jul,22th.2021
Batch Quantity	450kg	Expiration Date	Jul,21th.2023

Item	Specification	Results	Methods
Assay	Lycopene $\geq 20\%$	20.27%	HPLC
Description			
Appearance & Color	Dark Red Powder	Conforms	GB/T5492-85
Mesh Size	100% pass 80 mesh	Conforms	GB/T5507-85
Loss on Drying	$\leq 8\%$	4.54%	GB/T5009.3
Ash Content	$\leq 5\%$	2.61%	GB/T5009.4
Heavy Metals			
Total Heavy Metals	$\leq 10\text{ppm}$	Conforms	AAS
Arsenic (As)	$\leq 2\text{ppm}$	Conforms	AAS(GB/T5009.11)
Lead (Pb)	$\leq 3\text{ppm}$	Conforms	AAS(GB/T5009.12)
Cadmium(Cd)	$\leq 1\text{ppm}$	Conforms	AAS(GB/T5009.15)
Mercury(Hg)	$\leq 0.1\text{ppm}$	Conforms	AAS(GB/T5009.17)
Microbiology			
Total Plate Count	$\leq 1000\text{cfu/g}$	Conforms	GB/T4789.2
Total Yeast & Mold	$\leq 100\text{cfu/g}$	Conforms	GB/T4789.15
E. Coli	$\leq 30\text{mpn}/100\text{g}$	Conforms	GB/T4789.3
Salmonella	Negative	Conforms	GB/T4789.4
Packing and Storage	Packed in paper-drums and two plastic-bags inside.		
Shelf Life	2 Year When Stored properly		

Qc.Manager: Gloria Yang

Check: Pengpeng

Analyst: GuoShan

