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Nutripharma

**陕西康盛生物技术有限公司**

SHAANXI KINGSCI BIOTECHNOLOGY CO., LTD.

Add: Rm 801-802 Fuedun International Fortune Center, Wenjing Rd, Xi'an 710018 China

Tel: 029-86181961

Fax: 029-86181551

www.kingsci.com

## Certificate of Analysis

<b>Product Name</b>	Natural Lycopene (Tomato extract)	<b>Latin Name</b>	<i>Lycopersicon esculentum</i>
<b>Part Used</b>	Fruit	<b>Manufacture Date</b>	Apr.10,2021
<b>Batch No.</b>	20210410	<b>Analysis Date</b>	Apr.11,2021
<b>Quantity</b>	100KG	<b>Expiry Date</b>	Apr.09,2021
<b>ITEMS</b>	<b>SPECIFICATIONS</b>	<b>RESULTS</b>	<b>METHODS</b>
Appearance	Dark red powder	Complies	GB 28316-2012
Odor	Characteristic	Complies	GB 28316-2012
Taste	Characteristic	Complies	GB 28316-2012
Lycopene content (by HPLC)	≥ 10.0%	10.21%	GB 28316-2012
Total Carotenoids (by UV)	≥ 11.0%	11.20%	GB 28316-2012
Loss on drying	≤ 4.0%	1.32%	GB 5009.3-2010
Ash	≤ 2.0%	1.03%	GB 5009.4-2010
Pesticides Residue	≤ 5.0mg/kg	Negative	GB 2763-2012
Solvent Residue	≤ 50mg/kg	Negative	GB 28316-2012
<b>Heavy metals control</b>			
Lead (Pb)	≤ 2ppm	Complies	GB/T 5009.12-2010
Arsenic (As)	≤ 1ppm	Complies	GB/T 5009.11-2014
Mercury (Hg)	≤ 0.3ppm	Complies	GB/T 5009.17-2003
<b>Microbiological control</b>			
Total plate count	≤ 1000cfu/g	Complies	GB 4789.2-2010
Yeast & mold	≤ 100cfu/g	Complies	GB 4789.15-2010
Coliform	≤ 0.92MPN/g	<0.3MPN/g	GB 4789.3-2010
Salmonella	Negative	Negative	GB 4789.4-2010
S.Aureus	Negative	Negative	GB 4789.10-2010
<b>Storage:</b>	Store in cool & dry place, keep away from strong light and heat		
<b>Shelf life:</b>	24 months when properly stored		
<b>QC</b>	Qu Jiaojiao	<b>QA</b>	Li Yaqiang