



Xi an Youth Biotech Co.,Ltd

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Certificate of Analysis

Product Name	Ginger Extract	Batch No.	SJ20210521
Specification	Gingerols $\geq 5\%$	Latin Name	<i>Zingiber officinale Roscoe.</i>
Part Used	Root	Produce Date	2021.10.21
Expiration Date	2023.10.20		

Item	Specification	Result	Method
Physical Description			
Appearance	Yellow Powder	Conforms	Visual
Odor	Unique smell of ginger	Conforms	Organoleptic
Taste	Unique taste of ginger	Conforms	Olfactory
Bulk Density	Bulk Density	54.08g/100ml	USP616
	Tight Density	73.61g/100ml	USP616
Particle Size	95% Through 80 Mesh	Conforms	CP2015
Chemical Tests			
Gingerols	$\geq 5.0\%$	5.06%	HPLC
6-gingerol	/	2.68%	HPLC
8-gingerol	/	0.62%	HPLC
6-shogaol	/	0.70%	HPLC
10-gingerol	/	0.94%	HPLC
10-shogaol	/	0	HPLC
8-shogaol	/	0.12%	HPLC
Moisture	$\leq 5.0\%$	3.60%	CP2015 (105 oC, 4 h)
Ash	$\leq 5.0\%$	0.06%	CP2015
Total Heavy Metals	< 10 ppm	Conforms	CP2015
Microbiology Control			
Aerobic Bacterial Count	$\leq 1,000$ CFU/g	Conforms	GB4789.2
Yeast	≤ 100 CFU/g	Conforms	GB4789.15
Mold	≤ 100 CFU/g	Conforms	GB4789.15
Escherichia Coli	< 3.0 MPN/g	Conforms	GB4789.38
Salmonella	Not Detected	Conforms	GB4789.4
Staphylococcus Aureus	Not Detected	Conforms	GB4789.10

Shelf Life 24 months under the conditions below, no antioxidant used
Package&Storage Standard packed in fiber-drum and two plastic bags inside
N.W: 25kgs. I.D. 35 x H51 cm
Store in a cool,dry place away from Moisture, Light, Oxygen

QC : Guo Shan

QA: Feng Li

