

Certificate of Analysis

BG: 2021032

NO.: 2021032

Manufacturer	Chongqing Joywin Natural Products Co., Ltd.		Address	66# Wutong Road, Baisha Industrial Park, Jiangjin District, Chongqing, China	
Product Name	Inulin	Botanical source	Helianthus tuberosus L	Batch No.	IN20210401
Quantity	68425kg	Part of plant used	Teber	CAS No.	9005-80-5
Report Date	2021.4.8	Manufacture Date	2021.3.28—4.3	Expiry Date	2024.3.27—4.2

Analysis Items	Specifications	Results	Methods
Characteritics			
Appearance	White to yellowish powder	Conforms	Visual
Odor	Odorless	Conforms	Sensory
Taste	Slight sweet taste	Conforms	Sensory
Physical & Chemical			
Inulin	≥90.0g/100g	90.53g/100g	FCC IX
Fructose+Glucose+Sucrose	≤10.0g/100g	9.47g/100g	
Loss on drying	≤4.5g/100g	3.00g/100g	USP 39<731>
Residue on ignition	≤0.2g/100g	0.11g/100g	USP 39<281>
pH (10%)	5.0-7.0	5.8	USP 39<791>
As	≤0.2mg/kg	Conforms	USP 39<233>ICP-MS
Pb	≤0.2mg/kg	Conforms	USP 39<233>ICP-MS
Hg	<0.1mg/kg	Conforms	USP 39<233>ICP-MS
Cd	<0.1mg/kg	Conforms	USP 39<233>ICP-MS
Microbiological Control			
Total Plate count	≤1,000CFU/g	15CFU/g	USP 39<61>
Yeasts&Moulds count	≤50CFU/g	10CFU/g	USP 39<61>
E.coli	Negative	Negative	USP 39<62>
Salmonella	Negative	Negative	USP 39<62>
S.aureus	Negative	Negative	USP 39<62>

Non-irradiation ● No allergens

Conclusion	Meet the standard requirements
Packing & Storage	Inner packing food grade plastic bag, wrapped three layer kraft paper bag. Products sealed, stored at room temperature.
Shelf life	The product can be stored in sealed original packaging under the mentioned conditions for 3 years from date of manufacture.

QC Manager: *Amelie Liao*

Date: 2021.4.8



QA Manager: *Susan Su*

Date: 2021.4.8