



CERTIFICATE OF ANALYSIS

Inulin Inulin $\geq 90\%$ (HPLC)(Jerusalem Artichoke source)

Batch No.: CJF-C-A403892 Manufacture Date: 20241120 Expiry Date: 20271119

General Information			
Part Used	Root	Solvents Used	Water&Ethanol
Botanical Source	<i>Helianthus tuberosus</i>	Country Of Origin	China
ITEMS	SPECIFICATION	METHOD	TEST RESULTS
Physical&Chemical Data			
Color	White	Organoleptic	Conform
Odour	Characteristic	Organoleptic	Conform
Appearance	Fine Powder	Organoleptic	Conform
Analytical Quality			
Identification	Identical to R.S. sample	HPTLC	Identical
Inulin	$\geq 90.0\%$	UV	90.55%
Sieve analysis	100 % through 80 mesh	Eur.Ph. <2.9.12>	Conform
Loss on Drying	$\leq 5.0\%$	Eur.Ph. <2.8.17>	3.75 %
Total Ash	$\leq 1.0\%$	Eur.Ph. <2.4.16>	0.18 %
Bulk density	40~60 g/100mL	Eur.Ph. <2.9.34>	57 g/100mL
Tap density	60~90g/100mL	Eur.Ph. <2.9.34>	71 g/100mL
Contaminants			
Lead (Pb)	≤ 3.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0352 mg/kg
Arsenic (As)	≤ 2.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0149 mg/kg
Cadmium (Cd)	≤ 1.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0167 mg/kg
Mercury (Hg)	≤ 0.1 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0228 mg/kg
Solvents Residue	Meet Eur.Ph. <2.4.24>	Eur.Ph. <2.4.24>	Conform
Pesticides Residue	Meet Eur.Ph. <2.8.13>	Eur.Ph. <2.8.13>	Conform
Microbiological			
Total Plate Count	≤ 10000 cfu/g	Eur.Ph. <2.6.12>	270 cfu/g
Yeast & Mold	≤ 1000 cfu/g	Eur.Ph. <2.6.12>	30 cfu/g
E.Coli.	Negative	Eur.Ph. <2.6.13>	Conform
Salmonella	Negative	Eur.Ph. <2.6.13>	Conform
General Status			
Non-Irradiation	≤ 700	EN <13751:2002>	438
Packing&Storage			
Packed in paper-drums and two plastic-bags inside; N.W:25kgs, I.D.35×H51cm;			
Store in a well-closed container Away from moisture,light, oxygen.			
Shelf life			
36 months under the conditions above and in its original packaging.			

Quality Assurance Officer

崔鹏

Corrector



Analyst

锋惠
印战

No: STP-QCP-<2> (229)