



大连汉德姆精细化学品有限公司

DALIAN HANDOM CHEMICALS CO.,LTD.

Certificate of Analysis

Product Name: Inulin
Part of Plant Used: Tuber
Quantity: 82375kg
Report Date: Jun 28th, 2022

Botanical Source: *Helianthus tuberosus L*
Batch Number: HDC20220627
Manufacturing Date: Jun 27th, 2022
Retest Date: Jun 26th, 2025

Test Item	Specification	Test Result	Test Method
Characteristics			
Appearance	White to yellowish powder	Conforms	Visual
Odor	Odorless	Conforms	Organoleptic
Taste	Slightly sweet taste	conforms	Organoleptic
Physical & Chemical			
Inulin	≥90.0%	91.58%	FCC IX
Fructose+Glucose+Sucrose	≤10.0%	8.42%	
Loss on Drying	≤4.5%	3.35%	USP 39<731>
Residue on Ignition	≤0.2%	0.1%	USP 39<281>
pH Value(10%)	5.0~7.0	5.8	USP 39<791>
Arsenic(As)	≤0.2mg/kg	Conforms	USP 39<233>ICP-MS
Lead(Pb)	≤0.2mg/kg	Conforms	USP 39<233>ICP-MS
Cadmium(Cd)	<0.1mg/kg	Conforms	USP 39<233>ICP-MS
Mercury(Hg)	<0.1mg/kg	Conforms	USP 39<233>ICP-MS
Microbiological Control			
Total Plate Count	≤1000CFU/g	45CFU/g	USP 39<61>
Yeasts & Moulds	≤50CFU/g	10CFU/g	USP 39<61>
Escherichia coli	Negative	Not Detected	USP 39<62>
Salmonella	Negative	Not Detected	USP 39<62>
Staphylococcus aureus	Negative	Not Detected	USP 39<62>

Conclusion: The test results of this batch are complied with the enterprise standard.