Crystal Scientific System Pvt Ltd.

CERTIFICATE OF ANALYSIS

POTATO STARCH — FOOD GRADE

Product Name	Potato Starch
Product Grade	Food Grade
Application	Potato Chips / Snack Food
Batch No.	PS-TR-001
Date of Analysis	27-Aug-2026
Sample Quantity	1 kg

ANALYTICAL RESULTS

Parameter	Specification	Test Result	Method
Appearance	White to off-white, free-flowing powder	Complies	Visual
Odour	Characteristic; free from foreign odour	Complies	Organoleptic
Moisture	NMT 14.0 %	11.2 %	Oven drying
pH (10% slurry)	4.5 – 7.0	5.8	pH meter
Ash	NMT 0.50 %	0.32 %	Muffle furnace
Protein	NMT 0.50 %	0.28 %	Kjeldahl
Fat	NMT 0.50 %	0.18 %	Soxhlet
Starch	NLT 98.0 %	98.6 %	Calculated / enzymatic
Whiteness	NLT 90 %	93 %	Whiteness meter
Particle Size	NLT 95% through 100 mesh	98 %	Sieve analysis
Total Plate Count	NMT 10,000 CFU/g	<10 CFU/g	Plate count
Yeast & Mold	NMT 100 CFU/g	<10 CFU/g	Plate count
Coliforms	Absent / g	Absent	Microbiological
E. coli	Absent / g	Absent	Microbiological
Salmonella	Absent / 25 g	Absent	Microbiological

CONCLUSION

The above sample conforms to the stated food-grade specifications and is suitable for use as a food ingredient, subject to the customer's process and application requirements.

QC / LAB INCHARGE
Quality Control

AUTHORIZED SIGNATORY
Crystal Scientific System Pvt. Ltd.

Plot No. 78 Building Ground Sector 31D
PNT Society Korangi Karachi

0302-9686764
0347-2729994
021-35070909

Info@crystalscientificsystem.com

CamScanner