

63451 Wheat Starch Powder

Appearance: white, fine powder
 Odor: odorless
 Taste: typical, neutral

Chemical Requirements:

	Specification	Result	Method
Humidity	11.0 – 13.0 %	max. 13.0 %	ICC-Standard No. 110
Protein (N x 5,7)	0.25 – 0.29 %	max. 0.35 %	AACC 46-30
Protein (N x 6,25)	0.27 – 0.32 %	max. 0.38 %	AACC 46-30
Fat	0.1 %	max. 0.20 %	AACC 30-25
Unsaturated fats	0.1 %		Literature
Ashes	0.18 – 0.20 %	max. 0.30 %	ICC-Standard No. 104/1
pH-Value	6.0 – 7.0		10 g in 100 ml water
Starch content		min. 97 %	ICC-Standard No. 123
Mesh	1.5 % > 200 µm	max. 2.0 %	Alpine sieve apparatus

Physical Requirements:

Bulk density	480 – 500 kg/m ³
Solubility in H ₂ O	Practically insoluble
Energy value	1470 kJ/100 g / 351 kcal/100 g (Literature)
Bread unit	2,4 / 100 g (Literature)
Brabender viscosity	min. 300 BU (ICC-Standard Nr. 126/1)

Microbiological Requirements:

This product complies with the recommendations of the German Association for Hygiene and Microbiology (Deutsche Gesellschaft für Hygiene und Mikrobiologie (DGHM)) and the Association of German Mills (VDM).

Total count	< 10000 KbE/g	§ 64 LFGB	L 06.00-18, 1984-05
Mould	< 150 KbE/g	§ 64 LFGB	L 01.00-37, 1991-12
Yeasts	< 150 KbE/g	§ 64 LFGB	L 01.00-37, 1991-12
Coliforms	< 10 KbE/g	§ 64 LFGB	L 01.00-3, 1987-03
E. coli	< 10 KbE/g	§ 64 LFGB	L 01.00-54, 1992-12
Staphylococcus aureus	< 10 KbE/g	§ 64 LFGB	L 00.00-100, 2006-12
Bacillus cereus	< 10 KbE/g	§ 64 LFGB	L 01.00-72, 2011-01
Salmonella	< negative / 25 g	§ 64 LFGB	L 00.00-20, 2008-12
Enterobacteriaceae	< 10 KbE/g	§ 64 LFGB	L 06.00-24, 1987-11

Pesticides, Heavy Metals, Radioactivity:

This product complies with the relevant food law regulations, the requirements of EC Regulation No. 1881/2006 (Contaminated maximums regulation) and EC Regulation No. 470/2009 (maximum residue limits).

Transport and Storage Conditions:

Transportation: non hazardous good
 Storage: dry, ambient temperature
 Time of consumption: 24 months

Since this is a natural product, all values are subject to certain fluctuations. The values listed are averages.