



Wheat flour (FIRST GRADE) SPECIFICATIONS

Specifications for wheat flour:

Triticum spp. is the botanical name of the raw material.

The product has not been genetically modified or irradiated. Pest infestation of grain stocks is not permitted/ White or white with a yellowish tinge. Smell: Wheat flour smell, no strange odors, not musty, not bitter.

Taste: Wheat flour flavor, no other flavors, not sour or bitter.

Maximum self-life: 18 months.

EU specifications: Type 65 (France), Type 812 (Germany), Type 750 (Poland).

Extraction is the percentage of total product in any desired fraction of flour. In other words, extraction flour is straight grade flour that accounts for %72 of the total product. The following is the flour composition with various percent extractions:

SPECIFICATION: WHEAT FLOUR – FIRST GRADE (72%)

A- CHEMICAL SPECIFICATION - FIRST GRADE FLOUR		E- NUTRITIONAL VALUES PER 100 G PRODUCT	
A-1 MOISTURE CONTENT % - AACC44-16	< 14,6	E-1 CALORIFIC VALUE (KCAL/KJ)	341 / 1447
A-2 ASH CONTENT (DB)- AACC08-01	< 0,55	E-2 FAT (G)	1.1
A-3 PROTEIN CONTENT (X100G.)	12	E-3 SATURATED FATTY ACIDE THEREOF (G)	0.2
A-4 ACIDITY DEGREE (DB)	2,3	E-4 CARBOHYDRATES (G)	69
A-5 WET GLUTEN % - ISO 21415-1	26 - 2t	E-5 SUGARS THEREOF (G)	0.4
A-6 DRY GLUTEN - GLUTOMATIC EQUIP.	8 min	E-6 DIATERY FIBRES (G)	4.1
A-8 GRIT TEST - CARBON TETRACHLORIDE	Nil	E-7 PROTEIN (G)	9.8
A-9 START DAMAGE % - CHOPIN SDMATIC EQUIP	5,0%	E-8 SALT (G)	< 0.01
A-10 FAILING N° - FN EQUIPMENT	345 seg min	F- MICRONUTRIENT RATE AND CHEMICAL FORM TARGET	
B- PHYSICAL SPECIFICATION		F-1 VITAMIN A - DRY VITAMIN A PALMITATE 250 N.S	1.0 mg/kg
B-1 WHEAT FLOUR COLOR	62 – 45	F-2 VITAMIN B1 - THIAMINE MONONITRATE	4.4 mg/kg
OVER 280 MICRONS % - SIEVE SHAKER	NIL	F-3 VITAMIN B2 - RIBOFLAVIN	2.6 mg/kg
OVER 180 MICRONS %	5 MAX	F-4 VITAMIN B3 - NICOTINAMIDE	35.0 mg/kg
C- BACTERIAL COUNT SPECIFICATION		F-5 FOLIC ACID - FOLIC ACID	1.0 mg/kg
C-1 TOTAL PLATE COUNT (CFU/G)	< 100.000	F-6 VITAMIN B 12 - CYANCOBALAMIN	0.008 mg/kg
C-2 COLIFORM (CFU/G)	< 1000	F-7 IRON - NAFFEDTA	15 mg/kg
C-3 E.COLI (CFU/G)	NIL	F-8 ZINC - ZINC OXIDE	30 mg/kg
C-4 STAPHYLOCCUSAUREUS (CFU/G)	< 100	HEAVY METAL TEST MG/KG:	
C-5 MOULD & YEAST (CFU/G)	< 1.000	1- LEAD	0.031
C-6 SALMONELLA	NEG.	2- COPPER	None
D- MYCOTOXINS SPECIFICATION		3- ARSENIC	0.04
D-1 AFLATOXIN (INCLUDING B1, B2, G1, G2)	<0.1	4- CADMIUM PROVISIONAL	0.002
D-2 OCHRATOXINS	NONE	5- MERCURY	0.002
D-3 DEOXYNIVALENTOL DON	0.04		

Best Regards,
On behalf of GOLDEN FALCON
Global CEO

