

CERTIFICATE OF ANALYSIS

ISSUED FROM SELLER : Ultra Premium FI

FOR: BATCH No.: A2- 6 – 217

PO No.: VMY12170343VY-P1

PRODUCT: CORN STARCH
PRODUCTION DATE: Sept .2025
Quantity : 40 Ton

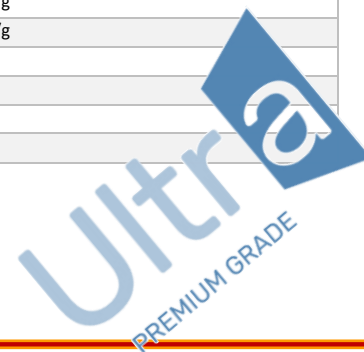
HS CODE : 110812
SHELF LIFE : 24 MONTHS FROM PRODUCTION DATE
Origin : EGYPT

CORN STARCH CERTIFICATE OF ANALYSIS

<u>CRITERIA</u>	<u>SPECIFICATION STANDARD</u>	<u>ACTUAL RESULTS</u>
COLOR	fine White to Pale Yellow powder free from	fine White to Pale Yellow powder free from
SOLUBILITY	insoluble in cold water & alcohols	insoluble in cold water & alcohols
GRANULE SIZE (LONGEST AXIS)	10-30µm or 0.01-0.03 mm	0.01-0.02 mm
MOISTURE CONTENT %	12 -14 %	12.5%
TOTAL PROTEIN %	≤ 0.4 %	0.35%
SOLUBLE PROTEIN %	≤ 0.025 %	0.030%
OIL %	≤ 0.1 %	0.05%
PH OF 10 % SOLUTION	5—7	5
TOTAL ASH %	0.20 -0.30 %	0.25%
ACID INSOLUBLE ASH ON DRY MATTER BASIS .%MM	≤ 0.1 %	0.07%
ACIDITY DEGREE	≤ 3	2
FIBERS %	≤ 0.5	0.35%
SULPHUR DIOXIDE,PPM	≥ 100ppm	60ppm
STARCH CONTENT	≥99.45%	99.6%
VISCOSITY	≥420.0Cp	430Cp
ACIDITY DEGREE	≤ 3	2
FINE	≥99.59 on 200 mesh (75 micron)	99.8 on 200mesh (75micron0
PURITY	Clear	Clear
GEL TEMP	60 ±5C°	63deg.C
SPORE - FORMING BACTERIA : (AEROBIC & THERMOPHILES)	ND	ND
SPORE - FORMING BACTRIA: (FORMS ACIDS & NO GAS)	ND	ND
SPORE - FORMING BACTERIA :(ANAEROBIC & THERMOPHILES')	ND	ND
SPORE - FORMING BACTERIA :(SULPHITE - REDUCING)	ND	ND
HEAVY METALS CONTAMINANTS		
LEAD (PB),PPM	≥ 2.5 ppm	not detected
MERCUREY(HG),PPM	≥ 1.0ppm	Not detected
ARSENIC(AS) PPM	≥ 1.1 ppm	Not dtected
COPPER (CU) PPM	≥ 30.0	Not dtected
TOTAL AFLATOXIN.PPB	≥ 10	Not detected
AFLATOXIN B1,PPB	≥5	Not detected
<u>MICRO BIOLOGICAL ANALYSIS :</u>		
Total Count	≤ 300 CfU/g	200 CFU/g
Moulds & east	≤ 150 CfU/g	100 CFU/g
E.COLI(Cfu /g)	Absent	Absent
Staphylococcus aureus,CFU	Absent in 1 g	absent
SALMNEILA TOTAL	Absent	Absent
COLIFORMS	absent	Absent

SIGNATURE

STAMP



Ultra Premium FI

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