

# Super Size – 200 (Oxidized starch)

## CERTIFICATE OF ANALYSIS

<b>Product</b>	Super Size – 200 (Oxidized starch)		<b>Date</b>	02.06.2020
<b>COA to</b>				
<b>Vehicle No</b>	NA	<b>Qty in grams</b>	NA	
<b>Batch No.</b>	28 E 2020	<b>Packing Size</b>	50 kgs net	
<b>Date of Mfg</b>	28.05.2020 (d d/ mm / yy)	<b>Date of Expiry</b>	27.05.2022 (dd / mm / yy)	

S.No	CHARACTERISTICS	UNITS	REQUIREMENTS	Results
01	Moisture w/w, NMT	%	12.50	10.40
02	Brightness Deg. PV , NLT	%	90	91.10
03	Ash w/w, on dry basis, NMT	%	1.50	0.91
04	pH of 10% solution	On pH scale	5.00 – 7.00	6.25
05	10% Solution Viscosity at 50°C	CPs	30	20
06	Cold water solubility w/w, NMT	%	4.00	0.66



**Factory Address :** SF No:126/A, Thumbivadi, Aravakurichi Taluk, Karur, TN – 639002  
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MAIZE STARCH (certificate of analysis)

Product	Maize Starch	Date	02.06.2020	
Dispatched to				
Vehicle No	NA	Qty in MT	NA	
Batch No.	25 D 2020	Shelf Life	02 years	
Date of Mfg	25 04 2020 dd / mm / yy	Date of Expiry	24 04 2022 dd / mm / yy	
SNo	CHARACTERISTICS	UNITS	REQUIREMENTS	RESULT
1	Description	Physical	As per BIS 1184	Complies
2	Identification	Physical	As per BIS 1184	Complies
3	Moisture content, Percent by Mass, Max	%	12.00	11.14
4	Protein (N X 6.25), (on DS) % by Mass, Max	%	0.40	0.30
5	Cold water soluble, (on dry basis) % by Mass, Max	%	0.40	0.19
6	P <sup>H</sup> of 10% aqueous solution	On pH scale	4.5 – 7.0	5.82
7	Free Acidity, Max, 0.1N NaOH/100gm	ml	40	15.4
8	Starch (on dry basis) % by mass, Min	%	98.00	98.14
9	Viscosity on Red wood Viscometer No.1,(2% solution at 75°C), Min	Seconds	30	33
10	Total Ash, (on dry basis) % by mass, Max	%	0.25	0.12
11	Particle size 0n 85 mesh	%	1.00	0.56
12	Petroleum-hydro-carbon Extractable matter, (on dry basis) % by Mass, Max	%	0.25	0.23
13	So <sub>2</sub> , Max	ppm	80	65.4
14	Brightness	% ISO	90	89.8
15	Viscosity of 05% solution at 50 Deg C , LVT Model, Brook – Field Viscometer on DB	CPs	1800	1960

The Maize Starch complies with required specifications.



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