

Birmingham Industries Ltd. Starch & Starch Derivatives

	Maize Starch – A Grade	Doc No.	SPC/QAD/M/006
		Doc Date	01.11.2019
		Rev No.	0
		Rev Date	01.11.2019
		Product No.	BIMAG130

S. No	Parameters	Limits	Method of Analysis
1	Appearance	Cream colour , Free Flowing Powder	Visual Examination
2	pH of 10% Slurry	4.5 – 7.0	MOA/QAD/C/003
3	Moisture Content	13.0 % Max	MOA/QAD/C/009
4	Viscosity of 5% solution in Brookfield viscometer measured @ 75°C sp2, 20 rpm	1400 Cps Min	MOA/QAD/C/010
5	Viscosity of 2% solution in Red Wood No.1 viscometer, measured at 75°C	34 sec Min	MOA/QAD/C/010
6	Fibre Content(100gram)	1.0 ml Max	MOA/QAD/C/011
7	Sieve retention -100 mesh	1.0 % Max	MOA/QAD/C/012
8	Ash Content	0.2 % Max	MOA/QAD/C/014
9	Sulphur Dioxide	100 ppm Max	MOA/QAD/C/015
10	Brightness	90.0 % Min	MOA/QAD/C/017
11	Protein Content	0.45 % Max	MOA/QAD/C/027
12	Free Acidity /10 gram	4.0 ml Max	MOA/QAD/C/029

Reference: Bureau Indian Standard 4706:1978

Prepared By	Approved By
Sign. & Date	Sign. & Date