

TECHNICAL DATA SHEET

Item:- **Carboxymethyl cellulose (CMC)**

o	Test item	Index	Test data
1	Appearance	White to cream free flow powder free from greet. lumps & any visible impurity	White free flow powder free from greet. lumps & any visible impurity
2	Viscosity of 1% solution in water(25C)	4000 to 6000 cps	4800 cps
3	Active Matter Content ,On dry basis	98% min.	98.23%
4	Degree of Substitution	0.6 min.	0.76
5	pH of 1 % solution in water	6.5 to 8.0	7.48
6	colour & clarity of solution	clear	clear
7	Loss on drying	Less than 10%	6.20%
8	Arsenic	1 ppm Max.	Nil
9	Heavy Metals	20 ppm max.	Complies
10	NaCl %	1% Max.	Complies
11	Assay	6.5% to 10.8%	8.37%
12	Sulphated Ash	Between 20 & 33.3% w/w OBD	24.42%
13	Mesh - pass 60 mesh sieve	95% min.	Passes

