Pure Excipient Manufacture

CARBOTAB

SODIUM CARBOXYMETHYL CELLULOSE

Bonding Trust

Carboxymethyl Cellulose Sodium, a versatile cellulose ether gum, boasts a pristine white to cream-colored texture. This odourless, tasteless, and non-toxic powder effortlessly dissolves in both hot and cold water.

APPLICATIONS IN PHARMACEUTICALS:

1. Tablet Excipient: It acts as a binder, disintegrant, and filler in tablets.
2. Suspension Stabilizer: Prevents solid particles from settling in liquid suspensions.
3. Viscosity Modifier: Employed to adjust and control viscosity in formulations.
4. Topical Formulations: Serves as a thickening agent, ensuring desired texture and consistency in creams, gels, and ointments.

APPLICATIONS IN THE FOOD INDUSTRY:

1. Serves as a valuable thickening and stabilizing agent in food products.
2. Improves texture and moisture retention in gluten-free baked goods.
3. Controls ice crystal growth and enhances creaminess for a smoother texture in dairy like ice cream.
4. Serves as a fat replacement in low-fat foods and improves moisture retention in processed meats like sausages.

WHY CHOOSE US?

1. Operating in-house lab with instruments like Brookfield viscometer, Malvern etc
2. Producing various grades | Specification customization available
3. Consistent excellence in product quality
4. Proficient team of engineers and a dedicated sales force, ensuring after sales-support service

Packaging - Standard packaging consists of 25 kg, with PP Bag or Paper Bag.

(customize packaging option available such as fibre drum or HDPE drum etc.)

RASHI CELLULOSE CHEM

Address : Plot No. K-41, MIDC, Industrial Area, Jalgaon (MH) - 425 003

CARBOTAB - CARBOXYMETHYL CELLULOSE SODIUM

Test	Specification
Description	1. A white or almost white, granular powder, odourless or almost odourless, hygroscopic 2. A white or almost white, granular powder 3. White to cream colored powder or granules. The powder is hygroscopic
Solubility	1. Insoluble in alcohol, in ether and in most organic solvents 2. Practically insoluble in acetone, in ethanol and in toluene. It is easily dispersed in water giving colloidal solutions 3. Insoluble in alcohol, in ether and in most organic solvent. It is easily dispersed in water forming a colloidal solution
Identification Test A	1. A blue, cotton-like precipitate is produced 2. A red-purple color develops at the interface
Identification Test B	1. No precipitate is produced 2. A fine, white precipitated is formed
Identification Test C	1. A dense white precipitate is formed after addition of potassium antimonite solution 2. A dense white precipitate is formed 3. No precipitate is formed.
Appearance of the solution	Have a correspond
pH	6.0 to 8.0
Arsenic	NMT 1 ppm
Heavy metals	NMT 20 ppm
Chlorides	NMT 0.25 %
Sulphated ash	20.0 % to 33.3 %
Loss on drying	NMT 10.0 %
Assay	1. NLT 6.5 % and NMT 10.8 % 2. NLT 6.5 % and NMT 9.5 %
Sodium glycolate	NMT 0.4%
Viscosity	1. Apparent viscosity 75 % to 140 % of the declared value 2. Refer Chart.

Microbiological Analysis

Total Aerobic Microbial Count, CFU/g	NMT 1000
Total Combined Yeasts & Molds Count, CFU/g	NMT 100
Staphylococcus aureus,/g	Should be absent
Pseudomonas aeruginosa,/g	Should be absent
Escherichia coli, /g	Should be absent
Salmonella, /10g	Should be absent

NMT: NOT MORE THAN | NLT: NOT LESS THAN | TAMC: TOTAL AEROBIC MIRCOBIAL COUNT | TYMC: TOTAL YEAST AND MOLD COUNT

Standard Viscosity Range; (In-House Spec)

Test	Viscosity (cps)
Viscosity, cP (1% solution at 25°C), Brookfield DV2T	400 to 800
Viscosity, cP (1% solution at 25°C), Brookfield DV2T	2200 to 4000
Viscosity, cP (1% solution at 25°C), Brookfield DV2T	6000 to 7500
Viscosity, cP (1% solution at 25°C), Brookfield DV2T	8000 to 12000

*Can be customized as per your requirements ranging from 400 to 12000 cps

CONTACT DETAILS

RASHI CELLULOSE CHEM, K-41, MIDC, JALGAON, MAHARASHTRA - 425003 (INDIA)

rashicellulosechem@gmail.com

www.rashicellulosechem.com

+91–93261 46214 | +91–99236 59105

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