



# MANSIL-AC<sup>®</sup>

## ANTICAKING GRADE PRECIPITATED SILICA

### DESCRIPTION



ULTRA WHITE FINE MILLED POWDER HAVING EXCELLENT ANTICAKING PROPERTY FOR EDIBLE SALT AND POWDERED FOOD PRODUCTS.

### SPECIFICATIONS

| Sr. No. | PHYSICO-CHEMICAL PROPERTIES                         | UNIT             | TEST METHOD         | MANSIL-AC                   |
|---------|-----------------------------------------------------|------------------|---------------------|-----------------------------|
| 1       | Appearance                                          | **               | Visual              | White Fine Odourless Powder |
| 2       | Bulk Density (When packed)                          | gms/lit.         | ISO 787/11          | 80 - 130                    |
| 3       | Moisture (at 105°C/2 hrs.)                          | %                | ISO 787/2           | 6.0 Max                     |
| 4       | Ignition Loss (at 1000°C/2 hrs.) on anhydrous basis | %                | ISO 3262/11         | 6.0 Max                     |
| 5       | pH (5% aqu. suspn.)                                 | **               | ISO 787/9           | 6.0 - 7.0                   |
| 6       | Avg. Particle Size, d-50 (Malvern)                  | Micron           | ISO 13320-1         | 9.0 - 14.0                  |
| 7       | SiO <sub>2</sub> content on anhydrous basis         | %                | ISO 3262/19         | 98.0 Min                    |
| 8       | Soluble Salts                                       | %                | ISO 787/13          | 2.0 Max                     |
| 9       | Microbiological Analysis<br>(1) TVC<br>(2) Y & M    | cfu/gm<br>cfu/gm | WI-QCP-XX           | ≤ 300<br>≤ 100              |
| 10      | Water Absorption Value                              | %                | WI-QCP-XX           | 240 Min                     |
| 11      | Iron content (as Fe+3)                              | ppm              | ISO 5794-1, Annex.c | 300 Max                     |

\* Revision Date : 01.11.2019

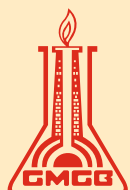
Revision No : 01

APPLICATIONS : AS ANTICAKING / FREE FLOW AGENT FOR EDIBLE SALT, ONION & GARLIC POWDER AND OTHER PERMISSIBLE FOOD PRODUCTS.

| PACKING & LOGISTICS                        | GRADE     | NET WEIGHT (KG) | SHIPMENT (MT)   |                |         |            |         |
|--------------------------------------------|-----------|-----------------|-----------------|----------------|---------|------------|---------|
|                                            |           |                 | TRUCK LOAD (MT) | CONTAINER LOAD |         |            |         |
|                                            |           |                 |                 | UN PALLETISED  |         | PALLETISED |         |
|                                            |           |                 |                 | 20' FCL        | 40' FCL | 20' FCL    | 40' FCL |
| Laminated HDPE Bags with Inner LDPE liners | MANSIL-AC | 20              | 7.0             | 5.0            | 11.0    | 3.84       | 9.60    |

Packing : Available in Paper bags, Jumbo bags & EVA bags can also be given as per customer requirement.

Remark: Work Instruction WI-QCP-XX covers GMGB internal Test Methods.



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