# TECHNICAL DATA SHEET

## TALC POWDER

**TEST SPECIFICATION**

| SR NO | TEST | SPECIFICATIONS | UNIT |
|---|---|---|---|
| 1 | Description | White fine Powder, Tasteless, Odorless, Soapy feeling & Free from grit | |
| 2 | Brightness | 89 - 90 | |
| 3 | Whiteness (Spectrophotometer CM 3610A) | 90 - 91 | |
| 4 | Retention on 200 Mesh | 0.30 - 2.0 | % |
| 5 | CaO | 0.0 - 1.00 | % |
| 6 | Moisture | 0.01 - 0.90 | % |
| 7 | Bulk Density | 0.70 - 0.80 | g/cc |
| 8 | $SiO_2$ | 58.00 - 62.00 | % |
| 9 | MgO | 28.00 - 32.00 | % |
| 10 | $Fe_2O_3$ | 0.00 - 1.00 | % |
| 11 | $Al_2O_3$ | 0.00 - 1.00 | % |
| 12 | Lead as Pb% | ND | |
| 13 | Arsenic as $As_2O_3$ | ND | |
| 14 | Loss on Ignition at 1050°C | 4.00 - 7.00 | % |
| 15 | pH (10% Aqueous Solution) | 8.50 - 9.50 | |
| 16 | Oil Absorption | 30.00 - 35.00 | gm/100gm |
| 17 | Total Aerobic count | Less then 50 cfu/gm | |
| 18 | Yeast and Molds count | Less then 50 cfu/gm | |
| 19 | Escherichia coli/gm | Absent | |
| 20 | Staphylococcus aureus/gm | Absent | |
| 21 | Pseudomonas aeruginosa/gm | Absent | |
| 22 | Salmonella/gm | Absent | |
| 23 | Candida albicans/gm | Absent | |
| 24 | Coliform/gm | Absent | |
| 25 | Asbestos | ND | |

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