

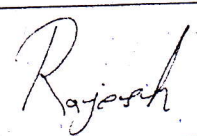
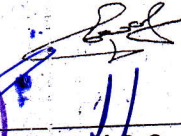
## CERTIFICATE OF ANALYSIS

|                                                             |            |                 |             |
|-------------------------------------------------------------|------------|-----------------|-------------|
| PRODUCT NAME - <b>LIGHT KAOLIN B.P-2021 (E.T.O STERILE)</b> |            |                 | T.R NO. 227 |
| B.NO.                                                       | 227        | ANALYSING DATE- | 23-03-2022  |
| Mfg. Date                                                   | March 2022 | Exp. Date       | Feb.2027    |

### TEST RESULTS

#### CHEMICAL ANALYSIS

| S. NO                                                           | TEST PERFORMED          | LIMIT                                                                                                                                           | RESULTS        |
|-----------------------------------------------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 1                                                               | IDENTIFICATION          | A) A gelatinous ppt. is produced.<br>B) the solution gives the reaction B of Silicates.<br>C) Triturate 2g with 2ml of water the mixture flows. | COMPLIES       |
| 2                                                               | COARSE PARTICLES        | NMT 25 mg (0.5%)                                                                                                                                | 0.27%          |
| 3                                                               | FINE PARTICLES          | NLT 70% weight of the residue                                                                                                                   | COMPLIES       |
| 4                                                               | ARSENIC                 | NMT 2 ppm                                                                                                                                       | < 2 PPM        |
| 5                                                               | CHLORIDE                | 330 ppm                                                                                                                                         | < 330 PPM      |
| 6                                                               | SOLUBLE MATTER          | NMT 10 mg                                                                                                                                       | 5.5 mg         |
| 7                                                               | LOSS ON DRYING          | NMT 1.5%                                                                                                                                        | 0.67%          |
| 8                                                               | LOSS ON IGNITION        | NMT 15%                                                                                                                                         | 5.58%          |
| Other parameter                                                 |                         |                                                                                                                                                 |                |
| 9                                                               | MICROBIAL CONTAMINATION | Total viable aerobic count not more than $10^3$ micro-organisms per gram.                                                                       | COMPLIES       |
| 10                                                              | Carbonate               | Mix. 1.0gm with 10ml. of water and 5 ml. of sulfuric acid. no effervescence occurs.                                                             | COMPLIES       |
| Other parameter                                                 |                         |                                                                                                                                                 |                |
| PHYSICAL ANALYSIS                                               |                         |                                                                                                                                                 |                |
| 1                                                               | Description             | A light white powder free from gritty particle; odourless or almost odourless; unctuous.                                                        | COMPLIES       |
| 2                                                               | Solubility              | Practically Insoluble in water and in mineral acids.                                                                                            | COMPLIES       |
| 3                                                               | pH (2% w/v solution)    | 6-7                                                                                                                                             | 6.49           |
| 4                                                               | Whiteness               | NLT 91%                                                                                                                                         | 92.8%          |
| 5                                                               | Bulk Density            | -                                                                                                                                               | 0.43 g/ml      |
| 6                                                               | Particle size           | NLT 37microns                                                                                                                                   | 0.2% Retention |
| REMARK—The above material passes as per B.P-2021 Specification. |                         |                                                                                                                                                 |                |

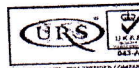
|                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |
| Analytical chemist                                                                  | Manufacturing chemist                                                                | Head Q.C.                                                                             |                                                                                       |

We are certified from:

Manufacturing Division  
I.P.T.B.I.U.S.P.I.N.E.



US-DMF  
Available



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