



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : TITANIUM DIOXIDE**

**CAS No : 13463-67-7**

**Mol. Formula : TiO<sub>2</sub>**

**Mol. WT : 79.90**

**Date of Analysis : 25/07/22**

**Product code : 19540**

**Batch No : MCR-26181**

**Mfd. : July 2022**

**Exp. : June 2027**

| S. R | Test                                  | Specification               | Observation   |
|------|---------------------------------------|-----------------------------|---------------|
| 1    | Description                           | White or off white powder . | White powder. |
| 2    | Assay                                 | 99% w/w min                 | 99.30% w/w    |
| 3    | Sulphate (SO <sub>4</sub> )           | 0.05% max                   | < 0.05%       |
| 4    | Loss on ignition (105 <sup>0</sup> C) | 0.2% max                    | 0.10%         |
| 5    | Iron (Fe)                             | 0.02% max                   | < 0.02%       |
| 6    | Heavy metals (as Pb)                  | 0.003% max                  | < 0.003%      |
| 7    | Inorganic coating                     | None                        | None          |
| 8    | Organic treatment                     | Present                     | Present       |
| 9    | Particle size                         | about 0.13um                | 0.13um        |
| 10   | Specific gravity                      | about 3.70                  | 3.70          |
| 11   | Oil absorption (g/100g pigment)       | about 25                    | 25            |
| 12   | Water demand (ml/100g pigment)        | about 30                    | 30            |

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**HEAD-QUALITY ASSUARANCE  
(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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