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Sunsafe® TiO₂M (T101AT)**Trade name: Sunsafe® TiO₂M (T101AT)****Catalog no.: 23102****INCI name: Titanium dioxide (and) Aluminium hydroxide (and) Stearic acid****CAS no.: 13463-67-7; 21645-51-2; 57-11-4****Batch no.: UU20181216-1****Manufacturing date: 16 Dec., 2018****Expiry date: 15 Dec., 2020****Quantity: 150g/bag*1**

| Items | Specification | Results |
|---|-------------------------|---------|
| 1. Appearance: | White powder | Pass |
| 2. TiO ₂ content (after processing) %: | 83 | 83.2 |
| 3. Surface property : | Hydrophobic | Pass |
| 4. Crystal form: | Rutile | Pass |
| 5. Average of the grain size nm: | 15±5 | Pass |
| 6. pH value: | 6.0 - 8.0 | 7.8 |
| 7. Surface modifiers: | Aluminium hydroxide: 9% | Pass |
| | Stearic acid : 8% | Pass |
| 8. Specific surface area m ² /g: | 30 - 50 | Pass |
| 9. Loss on drying (105°C) %: | 1.5 max | 0.85 |
| 10. Residue ignition %: | 1.0 max | 0.60 |
| 11. Element content ppm: | | |
| 1) Fe ppm: | 30 max | Pass |
| 2) Pb ppm: | 10 max | Pass |
| 3) As ppm: | 1.0 max | Pass |
| Conclusion: | Pass | |