

Certificate of Analysis

BTi™ SD

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|---|---|----------------|
| Trade Name: BTi™ SD | INCI Name: Titanium dioxide ; Silica ; Dimethicone | |
| Batch No.: BSD231105 | Quantity: 1000kg | |
| Manufacturing Date: 05.11.2023 | Best Use Before Date: 04.11.2025 | |
| Items | Specification | Results |
| 1. Appearance: | White Power | Pass |
| 2. Surface Property: | Hydrophobic | Pass |
| 3. Particle Diameter: | 20 - 40 | Pass |
| 4. Crystal Form: | Rutile | Pass |
| 5. Whiteness: | 90 min | 98.0 |
| 6. Content of TiO ₂ : | 80 - 85 | 82.29 |
| 7. Apparent Density (g/cm ³): | 0.2 - 0.4 | 0.21 |
| 8. Loss on Drying at 105°C (%): | 2.5 max | 1.02 |
| 9. Loss on ignition (%): | 3 max | Pass |
| 10. As (ppm): | 2 max | Pass |
| 11. Pb (ppm): | 10 max | Pass |
| 12. Hg (ppm): | 1 max | Pass |
| 13. Cd (ppm): | 5 max | Pass |
| 14. Total bacteria (cfu/g): | Not more than 100 | Pass |
| 15. Total yeast and mold count (cfu/g): | Not more than 100 | Pass |
| 16. Escherichia coli (g): | Not detected | ND |
| 17. Pseudomonas aeruginosa (g): | Not detected | ND |



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|--------------------------------|--------------|----|
| 18. Staphylococcus aureus (g): | Not detected | ND |
| Conclusion: | Pass | |

This lot was analysed and released by our authorized Quality Control Department and was found to meet the specification as given above.

