

# Specification

Technical Data Sheet

|                                 |                                  |                                         |
|---------------------------------|----------------------------------|-----------------------------------------|
| <b>CAS</b><br><b>13463-67-7</b> | <b>STORAGE</b><br><b>Ambient</b> | <b>MOLECULAR WEIGHT</b><br><b>79.87</b> |
|---------------------------------|----------------------------------|-----------------------------------------|

**PRODUCT****Titanium (IV) oxide, 90% min.**

|                          |                  |
|--------------------------|------------------|
| <b>Product number</b>    | 90034494         |
| <b>CAS number</b>        | 13463-67-7       |
| <b>Molecular formula</b> | TiO <sub>2</sub> |
| <b>Molecular weight</b>  | 79.87 g/mol      |

| PARAMETER                          | SPECIFICATION             |
|------------------------------------|---------------------------|
| <b>Appearance</b>                  | White to Off-white powder |
| <b>Assay</b>                       | ≥ 90.0%                   |
| <b>pH</b>                          | 6.0 - 9.0                 |
| <b>Evaporation rate (at 105°C)</b> | ≤ 0.5%                    |
| <b>Identification (RAMAN)</b>      | Conforms to Reference     |
| <b>Oil Absorption</b>              | ≤ 23g/100g                |
| <b>Oil Dispersibility</b>          | ≥ 5.25                    |
| <b>Rutile content</b>              | ≥ 97%                     |
| <b>Water soluble matter</b>        | ≤ 0.5%                    |

|                                |                                                                                                                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SPECIFICATION STATEMENT</b> | The values stated above represent the standard specification for this product, issued under <b>Molekula Ltd</b> 's quality management system. Batch-specific results are provided on the Certificate of Analysis. |
| <b>STORAGE</b>                 | Store as indicated on the product label, away from light, moisture and incompatible materials.                                                                                                                    |

**Molekula Ltd** would like to thank you for your support of our products and service.

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