

# Specification

Technical Data Sheet

|                                 |                                    |                                          |
|---------------------------------|------------------------------------|------------------------------------------|
| <b>CAS</b><br><b>41233-93-6</b> | <b>STORAGE</b><br><b>2 to 8 °C</b> | <b>MOLECULAR WEIGHT</b><br><b>126.24</b> |
|---------------------------------|------------------------------------|------------------------------------------|

**PRODUCT****Potassium tert-pentoxide**

|                          |                                   |
|--------------------------|-----------------------------------|
| <b>Product number</b>    | 90031712                          |
| <b>CAS number</b>        | 41233-93-6                        |
| <b>Molecular formula</b> | C <sub>5</sub> H <sub>12</sub> OK |
| <b>Molecular weight</b>  | 126.24 g/mol                      |

| PARAMETER                                                         | SPECIFICATION             |
|-------------------------------------------------------------------|---------------------------|
| <b>Appearance</b>                                                 | White to off white powder |
| <b>KOH + K<sub>2</sub>CO<sub>3</sub> calculated as KTA (%W/W)</b> | ≤1.5%                     |
| <b>Potassium-tert-Amylate (KTA) (%W/W)</b>                        | ≥97%                      |
| <b>Total alkalinity calculated as KTA (%W/W)</b>                  | ≥99%                      |

|                                |                                                                                                                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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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