

# Specification

Technical Data Sheet

|                                |                                  |                                          |
|--------------------------------|----------------------------------|------------------------------------------|
| <b>CAS</b><br><b>1304-28-5</b> | <b>STORAGE</b><br><b>Ambient</b> | <b>MOLECULAR WEIGHT</b><br><b>153.33</b> |
|--------------------------------|----------------------------------|------------------------------------------|

**PRODUCT****Barium oxide**

|                          |              |
|--------------------------|--------------|
| <b>Product number</b>    | 40251474     |
| <b>CAS number</b>        | 1304-28-5    |
| <b>Molecular formula</b> | BaO          |
| <b>Molecular weight</b>  | 153.33 g/mol |

**PARAMETER****SPECIFICATION**

|                             |                                       |
|-----------------------------|---------------------------------------|
| <b>Appearance</b>           | White or off-white crystalline powder |
| <b>Assay</b>                | ≥97.0%                                |
| <b>Heavy metals</b>         | ≤0.005%                               |
| <b>Chloride (Cl-)</b>       | ≤0.01%                                |
| <b>HCl Insoluble Matter</b> | ≤0.5%                                 |

**SPECIFICATION  
STATEMENT**

The values stated above represent the standard specification for this product, issued under **Molekula Ltd**'s quality management system. Batch-specific results are provided on the Certificate of Analysis.

**STORAGE**

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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