

# Specification

Technical Data Sheet

|                               |                                  |                                          |
|-------------------------------|----------------------------------|------------------------------------------|
| <b>CAS</b><br><b>123-31-9</b> | <b>STORAGE</b><br><b>Ambient</b> | <b>MOLECULAR WEIGHT</b><br><b>110.11</b> |
|-------------------------------|----------------------------------|------------------------------------------|

**PRODUCT****Hydroquinone (Cosmetic grade)**

|                          |                                                 |
|--------------------------|-------------------------------------------------|
| <b>Product number</b>    | 90038122                                        |
| <b>CAS number</b>        | 123-31-9                                        |
| <b>Molecular formula</b> | C <sub>6</sub> H <sub>4</sub> (OH) <sub>2</sub> |
| <b>Molecular weight</b>  | 110.11 g/mol                                    |

| PARAMETER            | SPECIFICATION                                                                                                                                  |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Appearance</b>    | White to off-white Crystalline Powder or Needles                                                                                               |
| <b>Assay</b>         | ≥ 99.0 %                                                                                                                                       |
| <b>Melting Point</b> | 171 - 174 °C                                                                                                                                   |
| <b>Iron (Fe)</b>     | ≤ 5 ppm                                                                                                                                        |
| <b>Moisture</b>      | ≤ 0.6 %                                                                                                                                        |
| <b>Solubility</b>    | Slightly Soluble In Water. Freely Soluble In Ethyl Alcohol, Acetone And Methanol. Soluble In Ethyl Ether. Very Slightly Soluble In Chloroform. |
| <b>Lead (Pb)</b>     | ≤ 10 ppm                                                                                                                                       |

|                                |                                                                                                                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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.

Reg No 6879903    VAT GB 744 9721 05