

# Specification

Technical Data Sheet

|                                 |                                  |                                          |
|---------------------------------|----------------------------------|------------------------------------------|
| <b>CAS</b><br><b>22356-80-5</b> | <b>STORAGE</b><br><b>Ambient</b> | <b>MOLECULAR WEIGHT</b><br><b>188.20</b> |
|---------------------------------|----------------------------------|------------------------------------------|

**PRODUCT****2-Hydroxy-4-methylbenzenesulfonic Acid**

|                          |                                                                     |
|--------------------------|---------------------------------------------------------------------|
| <b>Product number</b>    | 90034806                                                            |
| <b>CAS number</b>        | 22356-80-5                                                          |
| <b>Molecular formula</b> | CH <sub>3</sub> C <sub>6</sub> H <sub>3</sub> (OH)SO <sub>3</sub> H |
| <b>Molecular weight</b>  | 188.20 g/mol                                                        |

| PARAMETER                   | SPECIFICATION               |
|-----------------------------|-----------------------------|
| <b>Appearance</b>           | Off-white to pale red solid |
| <b>Purity (HPLC)</b>        | ≥96.0 %                     |
| <b>Elemental Analysis H</b> | ≥4.12%                      |
| <b>Elemental Carbon</b>     | ≥43.29%                     |
| <b>Identity (MS)</b>        | Conforms to Structure       |
| <b>Identity (NMR)</b>       | Conforms to Structure       |

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