

# Specification

Technical Data Sheet

|                                |                                  |                                          |
|--------------------------------|----------------------------------|------------------------------------------|
| <b>CAS</b><br><b>6211-24-1</b> | <b>STORAGE</b><br><b>Ambient</b> | <b>MOLECULAR WEIGHT</b><br><b>633.88</b> |
|--------------------------------|----------------------------------|------------------------------------------|

**PRODUCT****Barium diphenylamine-4-sulfonate**

|                          |                                                                     |
|--------------------------|---------------------------------------------------------------------|
| <b>Product number</b>    | 87866266                                                            |
| <b>CAS number</b>        | 6211-24-1                                                           |
| <b>Molecular formula</b> | (C <sub>12</sub> H <sub>10</sub> NO <sub>3</sub> S) <sub>2</sub> Ba |
| <b>Molecular weight</b>  | 633.88 g/mol                                                        |

| PARAMETER                             | SPECIFICATION             |
|---------------------------------------|---------------------------|
| <b>Appearance</b>                     | White to grey powder      |
| <b>Loss on Drying</b>                 | ≤10.00%                   |
| <b>Melting Point</b>                  | 298-302°C                 |
| <b>Solubility in water</b>            | Slightly soluble in water |
| <b>suitability as redox indicator</b> | Passes test               |

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