

# Specification

Technical Data Sheet

|                              |                                  |                                          |
|------------------------------|----------------------------------|------------------------------------------|
| <b>CAS</b><br><b>54-21-7</b> | <b>STORAGE</b><br><b>Ambient</b> | <b>MOLECULAR WEIGHT</b><br><b>160.10</b> |
|------------------------------|----------------------------------|------------------------------------------|

**PRODUCT****Sodium salicylate BP**

|                          |                                       |
|--------------------------|---------------------------------------|
| <b>Product number</b>    | 90036776                              |
| <b>CAS number</b>        | 54-21-7                               |
| <b>Molecular formula</b> | HOC <sub>6</sub> H <sub>4</sub> COONa |
| <b>Molecular weight</b>  | 160.10 g/mol                          |

| PARAMETER                             | SPECIFICATION                                                                                                                                            |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Appearance</b>                     | A white, or almost white, crystalline powder or small, colourless crystals or shing flakes, freely soluble in water, sparingly soluble in ethanol.       |
| <b>Conclusion</b>                     | The product complies with the requirements of BP2022                                                                                                     |
| <b>Heavy metals</b>                   | ≤ 20ppm                                                                                                                                                  |
| <b>Identification</b>                 | A. Sample infrared absorption spectropho-tometry complies sodium salicylate CRS. B. Gives the reactions of salicylates. C. Gives reaction (b) of sodium. |
| <b>Loss on Drying</b>                 | ≤0.5%                                                                                                                                                    |
| <b>Acidity</b>                        | 0.01M NaOH ≤2.0ml                                                                                                                                        |
| <b>Appearance of Solution</b>         | The solution is clear and not more intensely coloured than reference solution BY6                                                                        |
| <b>Chlorides</b>                      | ≤200ppm                                                                                                                                                  |
| <b>Assay (dried basis)</b>            | 99.0% - 101.0%                                                                                                                                           |
| <b>Sulphates (SO<sub>4</sub>)(2-)</b> | ≤ 600ppm                                                                                                                                                 |

**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.

Reg No 6879903    VAT GB 744 9721 05