

# Specification

Technical Data Sheet

|                               |                                  |                                         |
|-------------------------------|----------------------------------|-----------------------------------------|
| <b>CAS</b><br><b>127-09-3</b> | <b>STORAGE</b><br><b>Ambient</b> | <b>MOLECULAR WEIGHT</b><br><b>82.03</b> |
|-------------------------------|----------------------------------|-----------------------------------------|

**PRODUCT****Sodium acetate anhydrous, ACS Grade**

|                          |                       |
|--------------------------|-----------------------|
| <b>Product number</b>    | 90030382              |
| <b>CAS number</b>        | 127-09-3              |
| <b>Molecular formula</b> | CH <sub>3</sub> COONa |
| <b>Molecular weight</b>  | 82.03 g/mol           |

| PARAMETER                                   | SPECIFICATION             |
|---------------------------------------------|---------------------------|
| <b>Appearance</b>                           | White granules            |
| <b>Particles 400-1000um</b>                 | (Sieve analysis) ≥90.0%   |
| <b>pH (20°C, 5% w/w)</b>                    | (potentiometry) 7.5 - 9.2 |
| <b>Sodium acetate (Acid/base titration)</b> | 99.0% - 101.0%            |
| <b>Sodium chloride</b>                      | (argentometry) ≤0.01%     |
| <b>Identification (IR)</b>                  | Conforms to reference     |
| <b>Water (KF)</b>                           | ≤0.5%                     |

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