

# Specification

Technical Data Sheet

|                                |                                  |                                       |
|--------------------------------|----------------------------------|---------------------------------------|
| <b>CAS</b><br><b>9003-39-8</b> | <b>STORAGE</b><br><b>Ambient</b> | <b>MOLECULAR WEIGHT</b><br><b>N/A</b> |
|--------------------------------|----------------------------------|---------------------------------------|

**PRODUCT****Polyvinylpyrrolidone (PVP) K25**

|                          |                                                 |
|--------------------------|-------------------------------------------------|
| <b>Product number</b>    | 90037614                                        |
| <b>CAS number</b>        | 9003-39-8                                       |
| <b>Molecular formula</b> | (C <sub>6</sub> H <sub>9</sub> NO) <sub>n</sub> |
| <b>Molecular weight</b>  | N/A g/mol                                       |

| PARAMETER                  | SPECIFICATION                          |
|----------------------------|----------------------------------------|
| <b>Appearance</b>          | Yellow or light yellow or beige powder |
| <b>Heavy metals</b>        | ≤10ppm                                 |
| <b>Identification</b>      | Conforms to reference                  |
| <b>pH</b>                  | 3.0 - 7.0                              |
| <b>Water</b>               | ≤5.0%                                  |
| <b>Aldehydes</b>           | ≤500ppm                                |
| <b>Kinematic viscosity</b> | 22.5 - 27                              |
| <b>N-vinyl pyrrolidone</b> | ≤10ppm                                 |
| <b>Nitrogen (N)</b>        | 11.5 - 12.8%                           |
| <b>Residue on Ignition</b> | ≤0.1%                                  |
| <b>Hydrazine</b>           | ≤1.0ppm                                |
| <b>Peroxides</b>           | ≤400ppm                                |

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

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**Molekula Ltd** would like to thank you for your support of our products and service.

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