

# Specification

Technical Data Sheet

|                                |                                  |                                         |
|--------------------------------|----------------------------------|-----------------------------------------|
| <b>CAS</b><br><b>6484-52-2</b> | <b>STORAGE</b><br><b>Ambient</b> | <b>MOLECULAR WEIGHT</b><br><b>80.04</b> |
|--------------------------------|----------------------------------|-----------------------------------------|

**PRODUCT****Ammonium nitrate BF**

|                          |             |
|--------------------------|-------------|
| <b>Product number</b>    | 90037759    |
| <b>CAS number</b>        | 6484-52-2   |
| <b>Molecular formula</b> | H4N2O3      |
| <b>Molecular weight</b>  | 80.04 g/mol |

| PARAMETER                  | SPECIFICATION                     |
|----------------------------|-----------------------------------|
| <b>Appearance</b>          | white / off-white prilled product |
| <b>Heavy metals</b>        | ≤10 ppm                           |
| <b>pH</b>                  | ≥5.8                              |
| <b>Ammoniacal nitrogen</b> | 17.0% - 18.0%                     |
| <b>Bulk density</b>        | 900-1000                          |
| <b>Chloride (Cl-)</b>      | ≤200 ppm                          |
| <b>Combustible carbon</b>  | ≤2000 ppm                         |
| <b>Nitric nitrogen</b>     | 17.0% - 18.0%                     |
| <b>Oil Absorption</b>      | ≤4.0%                             |
| <b>Total nitrogen (N)</b>  | ≥33.9%                            |
| <b>Identification (IR)</b> | Conforms to reference             |

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