

# Specification

Technical Data Sheet

**CAS****12042-91-0****STORAGE****Ambient****MOLECULAR WEIGHT****179.49****PRODUCT****Aluminium Chlorohydrate**

|                   |              |
|-------------------|--------------|
| Product number    | 89999730     |
| CAS number        | 12042-91-0   |
| Molecular formula | H10Al2ClO5   |
| Molecular weight  | 179.49 g/mol |

**PARAMETER****SPECIFICATION**

|                         |              |
|-------------------------|--------------|
| Appearance              | White powder |
| Molecular Weight        | 179          |
| Storage Temperature     | +20 &deg; C  |
| Heavy metals            | 20ppm Max    |
| pH                      | 3.0 - 5.0    |
| Aluminium oxide (Al2O3) | 32.0% Min    |
| Basicity                | 60 - 90      |
| Cadmium (Cd)            | 2ppm Max     |
| Chloride (Cl-)          | 16 - 22 %    |
| Iron (Fe)               | 200ppm Max   |
| Light Transmittance     | 90 Min       |
| Water insoluble matter  | 0.1% Max     |
| Whiteness               | 80% Min      |
| Arsenic (As)            | 2ppm Max     |
| Chromium (Cr)           | 0.5ppm Max   |
| Mercury (Hg)            | 0.1ppm Max   |

| PARAMETER                        | SPECIFICATION |
|----------------------------------|---------------|
| Nickel (Ni)                      | 1ppm Max      |
| Sodium (Na)                      | 500ppm Max    |
| Sulphates (SO <sub>4</sub> )(2-) | 500ppm Max    |

|                         |                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SPECIFICATION STATEMENT | 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. |
| 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.

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