



## Specification

### N-Acetyl-D-Galactosamine

|                           |   |
|---------------------------|---|
| <b>Catalog Number:</b>    | AG1008  |
| <b>CAS Number:</b>        | 1811-31-0, 14215-68-0   |
| <b>Synonym(s):</b>        | 2-Acetamido-2-deoxy-D-galactose, D-GalNAc, N-Acetyl chondrosamine |
| <b>Molecular Formula:</b> | C <sub>8</sub> H <sub>15</sub> NO <sub>6</sub>                    |
| <b>Molecular Weight:</b>  | 221.21  |
| <b>Storage:</b>           | 2°C – 8°C   |
| <b>Retest Period:</b>     | Two years from the date of manufacture                            |

| Test                    | Specification            |
|-------------------------|--------------------------|
| Appearance              | White crystalline powder |
| Assay (HPLC)            | ≥ 99.0%                  |
| Specific Rotation (c=1) | +82° to +88°             |
| Identification (TLC)    | To match reference       |
| Melting Point           | 158°C – 162°C            |
| Moisture (LOD)          | ≤ 1.0%                   |
| Residue on Ignition     | ≤ 0.5%                   |
| Heavy Metals            | ≤ 10ppm                  |

Approved:

John Grubb, PhD  
Gojira Fine Chemicals  
Quality Manager  
Tel: 440-252-5397, Fax: 888-211-5523  
[docsupport@gojirafc.com](mailto:docsupport@gojirafc.com)

Date: September 17, 2018