



Certificate of Analysis

N-Acetyl-D-Galactosamine

Catalog Number: AG1008
Lot Number: 0220801
CAS Number: 1811-31-0, 14215-68-0
Synonym(s): 2-Acetamido-2-deoxy-D-galactose, D-GalNAc, N-Acetylchondrosamine
Molecular Formula: C₈H₁₅NO₆
Molecular Weight: 221.21
Storage: 2°C – 8°C
Date of Manufacture: October 18, 2017
Retest Date: October 17, 2019

| Test | Specification | Result |
|-------------------------|--------------------------|-------------------|
| Appearance | White crystalline powder | Conforms |
| Assay (HPLC) | ≥ 99.0% | 99.5% |
| Specific Rotation (c=1) | +82° to +88° | +85.6° |
| Identification (TLC) | To match reference | Conforms |
| Melting Point | 158°C – 162°C | 158.2°C – 160.1°C |
| Moisture (LOD) | ≤ 1.0% | 0.2% |
| Residue on Ignition | ≤ 0.5% | 0.3% |
| Heavy Metals | ≤ 10ppm | < 10ppm |

Approved by:

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Date: February 20, 2018