CERTIFICATE OF ANALYSIS

D-Glucosamine hydrochloride

[Catalog No.] CFN99194

[CAS No.] 66-84-2

[**Purity**] 98%

 $[\underline{\mathbf{M.F}}] C_6 H_{13} NO_5.HCI$

[Physical Description] Powder

[Solvent] DMSO, Pyridine, Methanol, Ethanol, etc.

[Weight] 100g

[Lot No.] CFS201502

[**Storage**] Protected from air and light, refrigerate or freeze(2-8 °C)

[Intended Use] For laboratory use only

[Shelf Life] 2 years

[Chemical Structure]

[Characterization Data Summary]

Analytical Test	Results
Identification by ¹³ C-NMR	Consistent with the above structure
Purity tested	98%

Authorized Signature:

Date: