

## Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs
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## **Certificate of Analysis**

## **D-Glucosaminic Acid**

 Catalog Number:
 GS1005

 Lot Number:
 0213801

 CAS Number:
 3646-68-2

**Synonym(s):** 2-Amino-2-deoxy-D-gluconic acid

 $\begin{tabular}{lll} \textbf{Molecular Formula:} & $C_6H_{13}NO_6$ \\ \textbf{Molecular Weight:} & 195.17 \\ \textbf{Storage:} & 2^{\circ}C - 8^{\circ}C \\ \textbf{Date of Manufacture:} & June 14, 2017 \\ \textbf{Retest Date:} & June 13, 2019 \\ \end{tabular}$ 

Test	Specification	Result
Appearance	White to off-white powder	Conforms
Assay (TLC)	≥ 96%	> 99%
NMR-MS	Conforms to standard	Conforms
Melting Point	219°C – 223°C	222.9°C
Solubility (50mg/mL in 0.5M HCl)	Clear & colorless to light yellow	Conforms

Date: February 13, 2018

Approved by:

John Grubb, PhD

Gojira Fine Chemicals, LLC

John grubb

**Quality Manager** 

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