



## National Animal Supplement Council



### Preferred Supplier Non-Botanical Ingredient Data Sheet (N-BIDS)

NASC established a **Preferred Supplier Program** for companies who wish to provide products and services to NASC member companies, including raw materials (ingredients), contract manufacturing (dosage form products and feed supplements), analytical laboratory services and other services such as insurance, business consulting, legal expertise, etc.

The goal of the program is to prequalify vendors so that NASC members may accept and use products or services from Preferred Suppliers without additional vendor qualification procedures required under NASC cGMPs.

There are four categories of **NASC Preferred Suppliers**: Raw Material Suppliers, Contract Manufacturers, Analytical Laboratories and Service Providers.

The qualification procedure includes providing information to NASC on the scope of company operations, quality compliance program certifications, statements and additional documentation specific to the type of supplier, e.g., data sheets for each ingredient a Raw Material Supplier would like to qualify and include in the program.

### **Preferred Supplier Non-Botanical Ingredient Data Sheet**

All Raw Material Suppliers must provide the information requested in this form as part of the qualification procedure for a single non-botanical ingredient. Any fields not applicable to the company or ingredient should be completed by entering N/A.

Please return copies of the requested certifications and the completed form electronically to Bill Bookout at [b.bookout@nasc.cc](mailto:b.bookout@nasc.cc) or mail to:

NASC  
PO Box 5168  
Sun City West, AZ 85376

Contact Bill Bookout at the NASC office (760-751-3360, X1) with any questions about the **Preferred Supplier Program**.



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#### SECTION 1. INGREDIENT & SUPPLIER INFORMATION

SUPPLIER (COMPANY) PROVIDING INGREDIENT:	TSI Bioproducts (Xuzhou) Co., Ltd
INGREDIENT NAME & CODE:	GLH503 D-Glucosamine HCl
GENERAL INGREDIENT INFORMATION:	vegetal glucosamine hydrochloride

#### SECTION 2. MANUFACTURING INFORMATION

NAME AND ADDRESS OF MANUFACTURING SITE:	1 Qianjin Road, Suining Economic Development Zone, Xuzhou, Jiangsu 221200, China
MODE OF MANUFACTURING	MTS
DESCRIBE MANUFACTURING PROCESS (ATTACH FLOW CHART IF AVAILABLE):	Fermentation
STERILIZATION OF FUMIGATION METHOD(S):	N/A
KNOWN OR POTENTIAL SOURCES OF IMPURITIES AND/OR CONTAMINANTS:	Complying with Ph. Eur.

#### SECTION 3. INGREDIENT PHYSICAL / CHEMICAL INFORMATION

COMMON OR USUAL NAME / OTHER NAMES:	glucosamine hydrochloride
EXAMPLE OF CURRENT PRODUCT SPECIFICATION SHEET / CERTIFICATE OF ANALYSIS ATTACHED:	Attached pls find the specification and COA.
% ACTIVE INGREDIENT:	100 % Glucosamine hydrochloride. (98%-102% by calculated)
BIOASSAY METHOD (SPECIFY):	assay - HPLC
PHYSICAL FORM OF THE INGREDIENT:	White or almost white, crystalline powder
PARTICLE SIZE:	NLT 95% through USS#40 (425 micron)
COUNTRY OF ORIGIN:	China

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**SECTION 4. REGULATORY & LABELING INFORMATION**

PATENT COVERAGE:		N/A
GMP COMPLIANCE STANDARDS FOLLOWED (CITE):		CFR 117
IDENTIFY THE CRITICAL CONTROL POINTS THAT ARE MONITORED TO MAINTAIN GMP'S		Metal Detector
LIST ANY CERTIFICATIONS OR EXTERNAL AUDIT PROGRAMS (E.G., NSF, USP, NPA, ISO, ETC.):		ISO22000
DATE & AGENCY OF MOST RECENT FACILITY INSPECTIONS (STATE, FEDERAL, OR FOREIGN AGENCY):		
<b>DATE</b>	<b>INSPECTION AGENCY</b>	<b>RESULTS OF INSPECTION</b>
4-Nov-2020	China CQC	ISO22000 certificated
FEED / FOOD INGREDIENT: AAFCO APPROVED YES / NO:		Yes
HOW INGREDIENT IS LISTED IN THE AAFCO OFFICIAL PUBLICATION:		Unknown
EXAMPLE OF CURRENT PRODUCT SPECIFICATION SHEET / CERTIFICATE OF ANALYSIS ATTACHED:		Attached pls find the specification and COA.
BIOASSAY METHOD (SPECIFY):		Attached pls find the assay method.
ANIMAL HEALTH INGREDIENT: EXAMPLES OF STRUCTURE FUNCTION CLAIMS SUPPORTED BY RESEARCH / CLINICAL STUDIES		Osteoarthritis. (1. refer to <i>Martindale: The Complete Drug Reference</i> ) (2. <i>Effects of oral glucosamine hydrochloride and mucopolysaccharide protein in a rabbit model of osteoarthritis</i> )
TARIFF CODE FOR IMPORT/EXPORT:		2932.9990.99
ANY KNOWN RESTRICTIONS FOR USE IN OR WARNINGS FOR ANIMALS?		N/A
ANY INTERACTION WITH OTHER INGREDIENTS OR DRUGS TO AVOID?		N/A



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SECTION. 5 SUPPORTING DOCUMENTATION

ATTACH ANY STATEMENT FOR THE INGREDIENT THAT ARE APPLICABLE TO THIS INGREDIENT.

Table with 2 columns: EXAMPLES and ATTACHED: YES / NO / N-A. Rows include KOSHER / HALAL STATEMENT, IRRADIATION STATEMENT, ETO STATEMENT, GMO STATEMENT, MSDS SHEET, HORMONE STATEMENT, BSE / TSE STATEMENT, ORGANIC CERTIFICATION STATEMENT, CURRENT PRODUCT DATA SHEET, MANUFACTURING PROCESS FLOW CHART, STABILITY DATA, MATERIAL EVALUATION FORM, and COUNTRY OF ORIGIN STATEMENT.

SECTION 6. ADDITIONAL INGREDIENT INFORMATION

Table with 2 columns: RECOMMENDED STORAGE CONDITIONS and ADDITIONAL COMMENTS / INFORMATION. Values: Under ambient temperature conditions, N/A.

SECTION 7. CONTACT INFORMATION

Table with 2 columns: CONTACT NAME, TITLE, OFFICE PHONE, OTHER PHONE, E-MAIL. Values: Reiya Zhou, Raw material team QA, 86 21 64950900 205, 86 21 64950900 205, reiyazhou@tsichina.com.

BY SIGNING BELOW, I CERTIFY THAT THE INFORMATION GIVEN BY ME TO THE NATIONAL ANIMAL SUPPLEMENT COUNCIL (NASC), INC. IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE. I UNDERSTAND THAT IF THE INFORMATION PROVIDED IS NOT THOROUGH AND COMPLETE, NASC WILL REJECT THE FORM AND RESUBMISSION OF THE FORM WILL BE REQUIRED.

Table with 2 columns: SIGNATURE and DATE.