

PRODUCT DATA SHEET

Trade Name: ActiBiso™ NAG

INCI Name: Acetyl Glucosamin

CAS: 7512-17-6

Description

ActiBiso-NAG is the basic unit of many important polysaccharides in biological cells and has many important physiological functions in organisms. Acetyl glucosamine is a small molecular amino monosaccharide obtained by biological fermentation. It has excellent percutaneous absorption and can improve the hydration ability of skin. It is a high-quality multifunctional moisturizer, widely used in various cosmetic formulation systems.

Quality Parameters

Appearance	White crystalline powder
	Infrared Absorption
Identification	Specific Rotation
	HPLC
Assay %	98.0 - 102
Loss on drying %	0.5 max
Residue on ignition %	0.1 max
PH	6.0 - 8.0
Melting point °C	196 - 205
Specific rotation [α] _D ²⁰ °	+39.0 ~ +43.0
Limit of glucosamine %	1.0 max
Related Compounds	Individual impurity
	0.5 max
	Total impurity
	2.0 max



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Chloride %	0.1 max
Arsenic (ppm)	1.0 max
Lead (ppm)	10.0 max
Total bacteria (cfu/g)	1000 max
Total yeast and mold count (cfu/g)	100 max
E.COLI	Negative
Salmonella	Negative
Staphylococcus Aureus	Negative

Storing

Store in a dry and cool place, sealed and valid for 2 years.

Package

25kg / drum.