

Certificate of Analysis

ActiBiso™ NAG

Trade Name: ActiBiso™ NAG		INCI Name: Acetyl Glucosamine	
Batch No.: BNAG230225		Quantity: 2000kg	
Manufacturing Date: 25.02.2023		Best Use Before Date: 24.02.2025	
Items		Specification	Results
1. Appearance:		White crystalline powder	Pass
2. Identification:		Infrared Absorption	Pass
		Specific Rotation	
		HPLC	
3. Assay %:		98.0 - 102	98.8
4. Loss on drying %:		0.5 max	0.07
5. Residue on ignition %:		0.1 max	0.05
6. PH:		6.0 - 8.0	6.56
7. Melting point °C:		196 - 205	202.3 - 203.4
8. Specific rotation [α] _D ²⁰ ° :		+39.0 ~ +43.0	+41.55
9. Limit of glucosamine %:		1.0 max	Negative
10. Related Compounds :	Individual impurity	0.5 max	Negative
	Total impurity	2.0 max	Negative
11. Chloride %:		0.1 max	0.03
12. Arsenic (ppm):		1.0 max	pass
13. Lead (ppm):		10.0 max	pass
14. Total bacteria (cfu/g):		1000 max	40.0

15. Total yeast and mold count (cfu/g):	100 max	10.0
16. E.COLI:	Negative	Negative
17. Salmonella:	Negative	Negative
18. Staphylococcus Aureus:	Negative	Negative
Conclusion:	Pass	

This lot was analysed and released by our authorized Quality Control Department and was found to meet the specification as given above.

Bisor Corporation
The Quality Assurance Manager



Yang Jian Ming