

Certificate of Analysis

ActiBiso™ VCG

Trade Name: ActiBiso™ VCG	INCI Name: Ascorbyl Glucoside	
Batch No.: BVCG230712	Quantity: 200kg	
Manufacturing Date: 12.07.2023	Best Use Before Date: 11.07.2025	
Items	Specification	Results
1. Appearance:	White crystalline powder without odor	Pass
2. Assay %:	98 min	100
3. Loss on drying (1g, 105° C, 2 hours) %:	1.0 max	0.44
4. Residue on ignition %:	0.2 max	0.06
5. Melting point °C:	158 - 163	Pass
6. Specific Rotation [α]20 D:	+186.0 ~ +188.0	Pass
7. Identification:		
1) Identification of ascorbic acid	The color of solution disappears immediately.	Pass
2) Identification of glucose	Red sediment	Pass
3) Identification of AA-2G	Characteristic absorption recognized at around wave number 3300cm-1, 1770cm-1, 1700cm-1, 1110cm-1 and 1060cm-1.	Pass
8. Purity :		
1) Appearance of solution	Transparent liquid	Pass
2) Color phase (5% solution, 400nm, 10mm):	0.010 max	Pass
3) Heavy metals (as Pb) ppm:	20.0 max	Pass
4) Arsenic (as As2O3) ppm:	2.0 max	Pass
5) Free ascorbic acid and free glucose %:	0.1 max each	Pass
Conclusion:	Pass	



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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

质量保证部

Yang Jian Ming