

Certificate of Analysis

ActiBiso™ VB5

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| Trade Name: ActiBiso™ VB5 | INCI Name: D-Panthenol | |
| Batch No.: BVB230102 | Quantity: 200kg | |
| Manufacturing Date: 02.01.2023 | Best Use Before Date: 01.01.2025 | |
| Items | Specification | Results |
| 1. Appearance: | Colorless or slightly yellowish, clear, viscous liquid | Pass |
| 2. Identification: | Corresponds | Pass |
| 3. Assay %: | 98.0 - 102.0 | 100.6 |
| 4. Loss on drying %: | 1.0 max | 0.5 |
| 5. Specific rotation $[\alpha]_{D^{20}}$: | +29.0 - +31.5 | +30.4 |
| 7. Refractive index $[n]_{D^{20}}$: | 1.495 - 1.502 | 1.498 |
| 7. Residue on ignition %: | 0.1 max | 0.08 |
| 8. Limit of aminopropanol %: | 1.0 max | 0.5 |
| 9. Heavy metals (ppm): | 10 max | Pass |
| 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