

Certificate of Analysis

HairBiso™ PO

Trade Name: HairBiso™ PO	INCI Name: Piroctone Olamine	
Batch No.: BPO230403	Quantity: 1000kg	
Manufacturing Date: 03.04.2023	Best Use Before Date: 02.04.2025	
Items	Specification	Results
1. Appearance:	White or slightly yellow crystalline powder	Pass
2. Odor:	Characteristic	Pass
3. Solubility:	Water(0.10g + 10ml):non-soluble Methanol (1.00g + 10ml):soluble	Pass
4. Water(KF) %:	0.5 max	0.13
5. Purity(HPLC) %:	99.0 min	99.98
6. PH (1% in water, 20℃):	9.0 - 10.0	9.6
7. Drying loss %:	0.3 max	0.07
8. Ash(SO4) %:	0.2 max	0.02
9. E1% (1cm) at 317 nm expressed an dried substance:	214 - 236	234
10. Ethanolamine %:	20.0 - 21.0	20.7
11. Nitrosamine content (PPb):	50.0 max	Pass
12. Heavy metals (ppm): (Pb,As,Cd,Co,Cr,Hg,Ni,Sb)	10.0 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

