

Certificate of Analysis

ShieldBiso™ HMS

Trade Name: ShieldBiso™ HMS	INCI Name: Homosalate	
Batch No.: BHMS230429	Quantity: 200kg	
Manufacturing Date: 29.04.2023	Best Use Before Date: 28.04.2025	
Items	Specification	Results
1. Appearance:	Clear colorless to slightly yellowish liquid	Pass
2. Identification:	Infrared Absorption < 197F >	Pass
3. Assay (GC) %:	99.0 - 110.0	99.8
4. Purity (GC) %:	98.0 min	99.2
5. Specific gravity @25 °C:	1.049 - 1.053	1.050
6. Refractive index @20 °C:	1.516 -1.519	1.518
7. Acid value (mg KOH/g):	1.0 max	0.26
8. Methyl paraben (ppm) %:	10.0 max	0.90
9. UV-Vis spectrum (c=0.05g/L in Methanol); E(1%-1cm) at 305+/-5nm	170 min	177
10. Impurity (GC) %:	3,3,5-trimethylcyclohexanol: 0.15 max	Not detected
	Methyl salicylate: 0.10 max	Not detected
	Individual impurity: 0.5 max	0.30
	Total impurity: 2.0% max	0.78
Conclusion:	Pass	



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This lot was analyzed 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