

CERTIFICATE OF ANALYSIS

Product Name:	4-Butylresorcinol	INCI Name:	4-Butylresorcinol
Batch No.:	ZYSW20230725	Manufacture Date:	2023.07.28
CAS.NO:	18979-61-8	Expired Date:	2025.07.27
Standard:	Enterprise Standard	Shelf life:	2years

Analysis Items	Specification	Result
Purity	Not less than 99.0%	99.5%
HPLC	The retention time of the main peak of the test solution should be the same as that of the control solution	Complies
Identification IR	Should be consistent with that of the reference product	Complies
Appearance	White to off white powder	Off white powder
Melting point	50~55°C	54°C
LOD	≤0.5%	0.3%
Resorcinol	≤10ppm	Complies
Pb	≤10ppm	Complies
As	≤2ppm	Complies
Hg	≤1ppm	Complies
Cd	≤5ppm	Complies
Total impurities	≤1.0%	0.5%
Single impurity(Max)	≤0.5%	0.2%
Total bacterial cfu/g	≤200cfu/g	<10
Molds and Yeast Count, cfu/g	≤100cfu/g	<10
Thermotolerant Coliforms /g	Negative	Negative
staphylococcus aureus /g	Negative	Negative
P.Aeruginosa /g	Negative	Negative

Conclusion: Conform to Specification

Packing: Packed in paper-drums and two plastic-bags inside

Storage:Store in a well-closed container away from moisture,direct light and heat

Inspector:Liuqiang

Reexamining:Zhangguangchao

Verification:Miaoyu