

Certificate of Analysis

Product Information			
Product Name	Gallic Acid (Monohydrate)	Report Number	GAP20211119
CAS No.	5995-86-8	Manufacture Date	2021/10/29
Batch Number	GAP211029	Analysis Date	2021/11/04
Batch Quantity	1000Kg	Expiry Date	2024/10/28
Test Items	Specifications	Result	Test Methods
Active Ingredients			
Assay	≥99.0%	99.26%	HPLC
Physical & Chemical Data			
Appearance	Off-white Fine Powder	Conforms	Visual
APHA	180 MAX	Conforms	
Odor and Taste	Characteristic	Conforms	Organoleptic
Solubility (Turbidity)	Clear	Conforms	Visual
50mg/mL Etoh			
Sieve analysis	90% through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	≤10.0 %	5.39%	105°C/2 hrs
Total Ash	≤0.1 %	0.02%	GB 5009.4-2016
Contaminants			
Lead (Pb)	<3.0mg/kg	Conforms	ICP-MS
Arsenic (As)	<2.0mg/kg	Conforms	ICP-MS
Cadmium (Cd)	<1.0mg/kg	Conforms	ICP-MS
Mercury (Hg)	<0.1mg/kg	Conforms	ICP-MS
Microbiological			
Total Aerobic Count	≤1000cfu/g	50cfu/g	GB 4789.2
Yeast & Moulds	≤100cfu/g	10cfu/g	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10
Conclusion			
Conclusion	To be complied with in-house Specification		
Shelf Life	3 years when properly stored.		
Storage	Store in cool & dry place, not freeze. Keep away from strong light.		

Tested by: 张丽娜

Checker: 李明

Approved:

