

Certificate of Analysis

General Information			
Product Name:	Gardenia Blue	Part Used:	Flower
Batch Number:	250806	Production Date:	2025.08.06
Item	Specification	Result	Method
Physical and Chemical Properties			
Appearance	Fine Powder	Conforms	Visual
Color	Blue	Conforms	Visual
Smell	Characteristic	Conforms	Olfactory
Impurity	No Visible Impurity	Conforms	Visual
Loss on Drying	≤ 7g/100g	4.30g/100g	3g/105°C/2hrs
Identification	Conforms with TLC	Conforms	TLC
Color Value	≥ 30	30.2	UV (E1%598nm in distilled water)
Carrier	Maltodextrin	Conforms	TLC
Residue Analysis			
Heavy Metals	≤10mg/kg	Conforms	ICP-MS
Lead (Pb)	≤3.00mg/kg	Conforms	ICP-MS
Arsenic (As)	≤2.00mg/kg	Conforms	ICP-MS
Cadmium (Cd)	≤1.00mg/kg	Conforms	ICP-MS
Mercury (Hg)	≤0.10mg/kg	Conforms	ICP-MS
Microbiological Tests			
Total Plate Count	≤1,000cfu/g	Conforms	AOAC 990.12
Total Yeast & Mold	≤100cfu/g	Conforms	AOAC 997.02
E. Coli.	Negative/10g	Conforms	AOAC 991.14
Salmonella	Negative/10g	Conforms	AOAC 998.09
S. aureus	Negative/10g	Conforms	AOAC 2003.07
Product Status			
Conclusion:	Sample Qualified.		
Shelf Life:	24 months under the conditions below and in its original packaging.		
Retest date:	Retest every 24 months under the conditions below and in its original packaging.		
Storage:	Store in a cool, dry place away from Moisture and light.		

Approved by:
(Quality Assurance)

