



Add: 11, Tangyan south Rd, Xi'an  
Shaanxi province, 710075, China  
Tel: 0086-29-88823263  
Fax: 0086-29-88265620

## Xi'an Plant Bio-engineering Co., Ltd CERTIFICATE OF ANALYSIS

<b>Product name</b>	Genipin
<b>Botanical source</b>	Gardenia jasminoides Ellis
<b>CAS</b>	6902-77-8
<b>Batch Number</b>	JNP190525
<b>Batch Quantity</b>	60kgs
<b>Manufacture Date</b>	May, 25.2019
<b>Expiry Date</b>	May, 24.2021

ANALYSIS	SPECIFICATION	RESULTS
Appearance	off-White fine powder	off-white fine powder
Purity (HPLC dried basis)	98.0%	99.22%
Loss on Drying	≤2.0%	0.43%
Melt point	120-122°C	Complies
<b>Heavy Metal</b>	<20ppm	Complies
As	<2ppm	Complies
Lead(pb)	<2ppm	Complies
Residual Solvent	Eur.Pharm	Complies
<b>Microbiology</b>		
Total Plate Count	<1000cfu/g	807cfu/g
Yeast & Moulds	<100cfu/g	79cfu/g
E.Coli	Negative	Negative
Salmonella	Negative	Negative

<b>Conclusion</b>	Conform with specification
<b>Storage</b>	Store in sealed containers at cool & dry place. Protect from light, moisture and pest infestation.
<b>Shelf life</b>	2 years when properly stored