



### Certificate of Analysis

<b>Product name</b>	Genistein	<b>Manufacture date</b>	Dec.03.2023
<b>Batch number</b>	SW231203	<b>Analysis date</b>	Dec.04.2023
<b>Batch quantity</b>	300kg	<b>Expiry date</b>	Dec.03.2025

Item	Specification	Method Result
<b>Physical Property</b>		
Appearance	Light Yellow powder	Organoleptic
Color	Light Yellow	Organoleptic
Odour	Characteristic	Organoleptic
<b>General Analysis</b>		
Identification	Identical to R.S. sample	HPLC
Astragaloside IV	98%	98.37%
Loss on Drying	≤5.0%	Eur.Ph.6.[2.8. 17] 4.02%
Ash	≤5.0%	Eur.Ph.6.0[2.4. 16] 2.37%
<b>Contaminants</b>		
Pesticides Residue	Meet USP32<561>	USP32<561> Conforms
Lead(Pb)	≤3.0mg/kg	Eur.Ph6.0<2.2.58>ICP-MS 2. 1
Arsenic(As)	≤2.0mg/kg	Eur.Ph6.0<2.2.58>ICP-MS 1.9
Cadmium(Cd)	≤1.0mg/kg	Eur.Ph6.0<2.2.58>ICP-MS 0.7
Mercury(Hg)	≤0. 1mg/kg	Eur.Ph6.0<2.2.58>ICP-MS 0.07
<b>Microbiological</b>		
Total Plate Count	≤1000cfu/g	USP30<61> 120
Yeast &Mold	≤100cfu/g	USP30<61> 40
E.Coli.	Negative	USP30<62> Conforms
Salmonella	Negative	USP30<62> Conforms

<b>Packing description:</b>	Sealed export grade drum & double of sealed plastic bag
<b>Storage:</b>	Store in cool & dry place not freeze., keep away from strong light and heat
<b>Shelf life:</b>	2 years when properly stored

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