



CERTIFICATE OF ANALYSIS

Product Name	Valerian Extract	Batch Number	C07720260630
Latin Name	<i>Valeriana officinalis</i>	Manufacture Date	Jun..30.2026
Plant Part Used	Root	Expiry Date	Jun..29.2028
Quantity	200kgs	Product Code	C077
ITEMS	SPECIFICATION	RESULTS	TEST METHODS
Appearance	Brown yellow fine powder	Conforms	Visual
Odor & Taste	Characteristic of the plant	Conforms	Organoleptic
Valeric Acid	$\geq 0.8\%$	0.83%	HPLC
Loss on drying	$\leq 5.0\%$	2.22%	105°C/3hrs
Ash	$\leq 5.0\%$	2.76%	575°C/4hrs
Mesh Size/Sieve	NLT 95% Through 80 mesh	Conforms	CP2025
Heavy Metals	$\leq 10.0\text{ppm}$	Conforms	AAS
Lead(Pb)	$\leq 3.0\text{ppm}$	Conforms	AAS
Arsenic(As)	$\leq 2.0\text{ppm}$	Conforms	AAS
Mercury (Hg)	$\leq 0.1\text{ppm}$	Conforms	AAS
Cadmium(Cd)	$\leq 1.0\text{ppm}$	Conforms	AAS
Total Plate Count	$\leq 10000\text{cfu/g}$	80cfu/g	GB4789.2-2022
Total Yeast & Mold	$\leq 100\text{cfu/g}$	10cfu/g	GB4789.15-2016
E.Coli.	Negative in 25g	Conforms	GB4789.38-2025
Salmonella	Negative in 1g	Conforms	GB4789.4-2024
Packing	Packed in paper-drums and two plastic-bags inside.N.W.:25kgs .I.D.36cm×H51cm		
Storage	Store in a well-closed container Away from moisture.		
Shelf Life	2 years if sealed and store away from direct sun light.		