

# PRODUCT SPECIFICATION

Document #: VSNCGT-SD003

Approval Date: 12 September 2023

<b>Product Name:</b>	VegiSURGE® Natural Caffeine - Green Tea	<b>Pack Size:</b>	20 kg, 25 kg
<b>Item Number:</b>	YG6444	<b>Shelf Life:</b>	60 months
<b>Botanical Source:</b>	<i>Camellia sinensis</i>	<b>Plant Part Used:</b>	Leaf
<b>Storage Information:</b>	Store in a properly sealed container on a pallet in a dry space (RH < 40) at ambient temperatures (< 85°F/ 29°C)		

Analysis	Test Method	Parameters
Appearance	Sensory	Free flowing powder
Color	Sensory	White
Odor	Sensory	Neutral, no off notes
Particle Size	USP 40<786>	≥ 90% thru 80 mesh
Moisture (LOD)	USP 40<731>	≥ 5.00%
Residual Solvents	USP 40<467>	< 1.00 ppm
Sulphated Ash	USP 40<621>	≤ 0.5%
Total Caffeine	USP 40<621>	≥ 99.00%
Total Heavy Metals	ICP-MS	≤ 10.0 ppm
Arsenic (As)	ICP-MS	≤ 1.0 ppm
Cadmium (Cd)	ICP-MS	≤ 1.0 ppm
Lead (Pb)	ICP-MS	≤ 1.0 ppm
Mercury (Hg)	ICP-MS	≤ 1.0 ppm
Total Plate Count	USP 40<61>	≤ 1,000 cfu/g
Yeast & Mold	USP 40<61>	≤ 100 cfu/g
Salmonella	USP 40<61>	None detected/25g
Staphylococci	USP 40<61>	None detected/25g
E. coli	USP 40<61>	None detected/25g