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Specifications: GZen-Zinc™

Product Name	GZen-Zn™	Botanical Source	<i>Psidium guajava Linn.</i>
Solvent Used	Ethanol & water	Issue Date	Nov-2021
Part used	Leaves	Review date.	2years
PARAMETER	SPECIFICATION	Method	
Physical & Chemical Characteristics			
Appearance	Fine Powder	Organoleptic	
Color	Light to dark brown color	Organoleptic	
Odour	Characteristic	Organoleptic	
Taste	Slightly Bitter	Organoleptic	
Analytical Quality			
Sieve analysis	90% through 80 mesh	IP 2014	
Solubility in water	NLT 45%	Inhouse	
Loss on drying	NMT 5 %	IP 2014	
Bulk density	0.30 g/ml to 0.60 g/ml	IP 2014	
Tap density	0.50 g/ml to 0.80 g/ml	IP 2014	
Assay – Zinc	NLT 5.0%	BY ICP-MS	
Contaminants			
Lead	NMT 3.0ppm	ICP-MS	
Arsenic	NMT 1.0ppm	ICP-MS	
Mercury	NMT 0.1ppm	ICP-MS	
Cadmium	NMT 1.0ppm	ICP-MS	
Microbial Profile			
Total Plate Count	NMT 5,000cfu/g	ISO 4833-1	
Yeast and Mold	NMT 500 cfu/g	ISO 21527-2	
E.Coli	Negative	ISO 4832	
Shelf Life	36 months from the date of manufacturing.		

NLT-Not less than; NMT-Not more than

COMPUTER COPY-NO SIGNATURE REQUIRED

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