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Specifications: CZenIron™

Product Name	CZen-Iron™	Botanical Source	<i>Murraya koenigii</i>
Solvent Used	Ethanol and Water	Issue Date	17/Nov/2021
Part used	Leaf	Review date.	2years/ As required
PARAMETER	SPECIFICATION	Method	
Physical & Chemical Characteristics			
Appearance	Fine Powder	Organoleptic	
Color	Yellowish brown color	Organoleptic	
Odour	Characteristic	Organoleptic	
Taste	Bitter	Organoleptic	
Analytical Quality			
Sieve analysis	95% through 80 mesh	IP 2014	
Loss on drying	NMT 5 %	IP 2014	
Solubility in water	NLT 90%	Inhouse	
Bulk density	Range 0.30 g/ml to 0.60 g/ml	IP 2014	
Tap density	Range 0.60 g/ml to 0.80 g/ml	IP 2014	
Assay – Iron	NLT 2.0%	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 500cfu/g	ISO 21527-2	
E.Coli	Negative	ISO	
Salmonella	Negative	ISO	

NLT-Not less than; NMT-Not more than

COMPUTER COPY-NO SIGNATURE REQUIRED

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