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**Specifications: SesZen-Bio™**

<b>Product Name</b>	<b>SesZen-Bio™</b>	<b>Botanical Source</b>	<i>Sesbania Grandiflora</i>
<b>Solvent Used</b>	Ethanol and Water	<b>Issue Date</b>	18/Nov/2021
<b>Part used</b>	Leaf	<b>Review date.</b>	2 years / As required
<b>PARAMETER</b>	<b>SPECIFICATION</b>	<b>Method</b>	
<b>Physical &amp; Chemical Characteristics</b>			
Appearance	Fine Powder	Organoleptic	
Color	Light to dark brown color	Organoleptic	
Odour	Characteristic	Organoleptic	
Taste	Neutral	Organoleptic	
<b>Analytical Quality</b>			
Sieve analysis	90% through 80 mesh	IP 2014	
Loss on drying	NMT 5 %	IP 2014	
Bulk density	NLT 0.30 g/ml	IP 2014	
Tap density	NLT 0.45 g/ml	IP 2014	
Assay – Biotin	NLT 0.5%	BY HPLC	
<b>Contaminants</b>			
Lead	NMT 3.0ppm	ICP-MS	
Arsenic	NMT 1.0ppm	ICP-MS	
Mercury	NMT 0.5ppm	ICP-MS	
Cadmium	NMT 1.0ppm	ICP-MS	
<b>Microbial Profile</b>			
Total Plate Count	NMT 5,000 cfu/g	ISO 4833	
Yeast and Mold	NMT 500 cfu/g	IS 5403	
E.Coli	Negative	ISO 16649	
<b>Shelf life</b>	36 months from date of manufacturing		

NLT-Not less than; NMT-Not more than

COMPUTER COPY-NO SIGNATURE REQUIRED

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