

Certificate of Analysis

Product Name	Senna Leaf Extract	Botanical Source	<i>Cassia angustifolia L.</i>
Used Part	Leaf	Package	25 kgs/ drum
Batch No.	SOST20210721	Manufacturing Date	July.21th,2021
Batch Quantity	500kg	Expiration Date	July.20th,2023

Item	Specification	Result	Method
Assay(Sennosides A+B)	≥10.0%	11.8%	HPLC
Physical Characteristics			
Appearance	Brown to Tan Powder	Conforms	Organoleptic
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Organoleptic
Particle Size (80 mesh)	95% Through 80mesh	Conforms	CP2015
Loss on Drying	≤6.0%	4.50%	CP2015
Ash Content	≤5.0%	2.54%	CP2015
Heavy metals			
Total Heavy Metals	≤20ppm	Conforms	Colorimetric
Lead	≤2ppm	Conforms	Atomic Absorption
Arsenic	≤2ppm	Conforms	Atomic Absorption
Mercury	≤1ppm	Conforms	Atomic Absorption
Cadmium	≤0.5ppm	Conforms	Atomic Absorption
Microbiological Tests			
Total Plate Count	≤1000cfu/g	Conforms	CP2015
Total Yeast & Mold	≤100cfu/g	Conforms	CP2015
E. Coli	Negative	Conforms	CP2015
Salmonella	Negative	Conforms	CP2015
Packing & Storage	Packed in paper-drums and two plastic-bags inside.		
Shelf life	Two years when stored properly.		

Analyst: Guo Shan

Date: 2021.07.21

Approved: Gloria Yang, Ph.D

Date: 2021.07.21

