



**XI'AN CORE PURE BIO&TECH CO., LTD.**  
Add.: Rm30-10602, No. 1 Fangjian Road, Baqiao District, Xi'an  
City. Shaanxi Province 710038, P. R. China

## **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Senna leaf P.E.	<b>Botanical Name</b>	<i>Cassia Angustifolia</i>
<b>Batch No.</b>	20210417	<b>Manufacturing Date</b>	04/17/2021
<b>Part Used</b>	Leaves	<b>Report Date</b>	04/19/2021
<b>Expiration Date</b>	04/16/2023	<b>Country of Origin</b>	India

<b>Item of Analysis</b>	<b>Specification</b>	<b>Result</b>
1) <b>Identification</b> by TLC	Compare to standards	Complies
a) Description	Light to dark brown powder	Complies
b) pH of 10% aq. Solution( w/v)	6.0-9.0	8.21
d) Loss on drying at 105 ° C	≤ 5.0%	3.86%
e) ROI	≤ 18.0%	10.52%
f) <b>Heavy metals</b> tested by ICPMS	≤ 10ppm	Complies
Arsenic (As)	≤ 2ppm	Complies
Lead (Pb )	≤ 2ppm	Complies
Mercury(Hg)	≤ 1ppm	Complies
Cadmium(Cd)	≤ 1ppm	Complies
2) <b>Active ingredient - Assay</b>		
Senosides (A+B) by HPLC	≥ 20%	22.08%
3) <b>Micro biological by USFDA BAM method.</b>		
Total Plate Count	≤ 1000Cfu/gm	100cfu/gm
Yeast & Mold	≤ 100Cfu/gm	10cfu/gm
E.coli	ABSENT	Negative
Salmonella	ABSENT	Negative
Staph. Aureus	ABSENT	Negative
Genetic modification	GMO FREE	Complies
BSE/TSE status	To comply with USP	Complies

**Storage:** Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

**Shelf Life:** 24 months if store under the conditions above and stay in original packaging.

**QC:** Frank Yao

**Checker:** Simon He