

Guilin Layn Natural Ingredients Corp.

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**SPECIFICATION**

Version# LAYN (HZGG) 30-C2

Product Name:	Gotu Kola Extract GKE45-AC	Item Code:	GKE45
Raw Material:	Dried Gotu Kola	Shelf Life:	36 months
Declarations:	Non-GMO, Non-Irradiated, Non-Eto	Carrier:	None
Storage:	Storage at room temperature, seal tightly, keep from moisture and strong light		

PARAMETER	SPECIFICATION	METHOD
<u>Organoleptic Test</u>		
Color	Light yellow to off-white	Layn Sensory Testing Method
Appearance	Fine powder	Layn Sensory Testing Method
Odor & Taste	Characteristic without off-flavor	Layn Sensory Testing Method
<u>Analytical Data</u>		
Total Triterpenes, %	≥ 70.0	HPLC
Loss on Drying, %	≤ 5.0	GB 5009.3
<u>Heavy Metals</u>		
*Arsenic (As), mg/kg	≤ 2.0	GB 5009.268
*Lead (Pb), mg/kg	≤ 5.0	GB 5009.268
*Cadmium (Cd), mg/kg	≤ 0.5	GB 5009.268
*Mercury (Hg), mg/kg	≤ 0.2	GB 5009.268
<u>Microbiological Control</u>		
Total Aerobic Plate Count, cfu/g	≤ 1,000	GB 4789.2
Yeast & Mold, cfu/g	≤ 100	GB 4789.15
Coliform, cfu/g	≤ 10	GB 4789.3
*Escherichia Coli, cfu/g	< 10	GB 4789.38
*Staphylococcus Aureus, 25g	Negative	GB 4789.10
*Salmonella, 25g	Negative	GB 4789.4
<u>Note:</u>		
The item marked with * is tested at a set frequency based on risk assessment.		
Layn Internal Standard: Gotu Kola Extract Quality Standard		

Approved by: Ou Daoying (QA Manager)

Approval Date: April 15, 2025