

## Kratom Extract Specification

Product Name : Kratom Extract  
 Origin Of Material : Thailand  
 Lot no. : A2301003

Botanical Name : *Mitragyna speciosa*  
 Part Used : Dried leaf



Analysis	Specification	Reference Method
<b>Physical Test</b>		
-Appearance	Dark green ethanolic extract	Visual
-Odor & Taste	Characteristic	Organoleptic
<b>Chemical Test</b>		
Assay (Myragynine)	≥ 30%	HPLC (In-house method)
Pesticides	Negative	In-house method
<b>Heavy Metals</b>		
Arsenic (As)	≤ 1.00 ppm	In-house method based on AOAC (2019)
Lead (Pb)	≤ 2.00ppm	In-house method based on AOAC (2019)
Cadmium (Cd)	≤ 0.50 ppm	In-house method based on AOAC (2019)
Mercury (Hg)	Negative	In-house method based on AOAC (2019)
<b>Microbiological Test</b>		
-Total Aerobic Microbial Count	≤ 10 <sup>5</sup> cfu/g	In-house method based on USP41/NF36 : 2022
-Total Yeasts And Molds Count	≤ 10 <sup>4</sup> cfu/g	In-house method based on USP41/NF36 : 2022
- <i>Escherichia coli</i>	< 3 MPN/g	In-house method based on USP41/NF36 : 2022
- <i>Staphylococcus aureus</i>	Negative	In-house method based on USP41/NF36 : 2022
- <i>Salmonella</i>	Negative	In-house method based on USP41/NF36 : 2022

Storage : In cool & dry place. Keep away from strong light and heat.

Shelf life : 2 years when properly stored.

(     /     /     )

Quality Control

(     /     /     )

Quality Assurance

