

# Certificate of Analysis

*ORIGINAL*

Report Date      April 13, 2023  
Test Date        April 10, 2023  
Manufacture Date   April 06, 2023

Product Name	Organic Stevia Leaf Extract 90%	Batch Number	OSE90%-20230406
Latin Name	<i>Stevia rebaudiana</i>	Type of Products	Standardized Powder Extract
Plant Part Used	Leaf (Dried, 100% Natural)	Country of Origin	P.R. China
Active Ingredient Markers	Steviosides	Type of extraction	Grain alcohol/Water

Analysis Items	Specifications	Results	Test Methods
Appearance & Color	Fine white powder	Conforms	Visual
Odor & Taste	Characteristic	Conforms	Organoleptic
Mesh Size	NLT 90% through 80 mesh	Conforms	80 Mesh Screen
Solubility	Partially soluble in hydro-alcoholic solution	Conforms	Visual
Assay	NLT 90% Steviosides	90.30%	HPLC
Method of Extraction	Hydro-alcoholic	Conforms	/
Extract Solvent	Grain alcohol/Water	Conforms	/
Moisture Content	NMT 5.0%	4.33%	5g / 105°C / 2hrs
Ash Content	NMT 5.0%	0.91%	2g / 525°C / 3hrs
Heavy Metals	NMT 10ppm	Conforms	Atomic Absorption
Arsenic (As)	NMT 1ppm	Conforms	Atomic Absorption
Cadmium (Cd)	NMT 1ppm	Conforms	Atomic Absorption
Mercury (Hg)	NMT 0.1ppm	Conforms	Atomic Absorption
Lead (Pb)	NMT 3ppm	Conforms	Atomic Absorption
Sterilization Method	High Temperature & High Pressure for short time (5" - 10" )		
Total Plate Count	NMT 10,000cfu/g	Conforms	
Total Yeast & Mold	NMT 1,000cfu/g	Conforms	
E. Coli	Negative	Conforms	
Salmonella	Negative	Conforms	
Staphylococcus	Negative	Conforms	
Packing and Storage	Pack in paper-drums and two plastic-bags inside. Net Weight: 25kg/drum. Store in a well-closed container away from moisture.		
Shelf Life	2 years if sealed and store away from direct sun light.		
Expiration Date	April 05, 2025		

# Specification

<b>Product Name</b>	<b>Organic Stevia Leaf Extract 90% Bitterless (NOP ADDED)</b>
<b>Latin Name</b>	<i>Stevia rebaudiana</i>
<b>Type of Products</b>	Standardized Powder Extract
<b>Plant Part Used</b>	Leaf (Dried, 100% Natural)
<b>Active Ingredient Markers</b>	Steviosides

Analysis Items	Specifications	Test Methods
<b>Appearance &amp; Color</b>	Fine white powder	Visual
<b>Odor</b>	Characteristic	Organoleptic
<b>Taste</b>	Sweet and no bitter after taste	
<b>Mesh Size</b>	NLT 90% through 80 mesh	80 Mesh Screen
<b>Solubility</b>	Partially soluble in hydro-alcoholic solution; fully soluble in water	Visual
<b>Assay</b>	<b>NLT 90% Steviosides</b>	<b>HPLC</b>
<b>Method of Extraction</b>	Hydro-alcoholic	/
<b>Extract Solvent</b>	Grain alcohol/Water	/
<b>Moisture Content</b>	NMT 5.0%	5g / 105°C/ 2hrs
<b>Ash Content</b>	NMT 5.0%	2g / 525°C/ 3hrs
<b>Heavy Metals</b>	NMT 10ppm	Atomic Absorption
<b>Arsenic (As)</b>	NMT 1ppm	Atomic Absorption
<b>Cadmium (Cd)</b>	NMT 1ppm	Atomic Absorption
<b>Mercury (Hg)</b>	NMT 0.1ppm	Atomic Absorption
<b>Lead (Pb)</b>	NMT 3ppm	Atomic Absorption
<b>Sterilization Method</b>	High Temperature & High Pressure for short time (5''–10'')	
<b>Total Plate Count</b>	NMT 1,000cfu/g	CP2010
<b>Total Yeast &amp; Mold</b>	NMT 1,000cfu/g	CP2010
<b>E. Coli</b>	Negative	CP2010
<b>Salmonella</b>	Negative	CP2010
<b>Staphylococcus</b>	Negative	CP2010

<b>CAN NOT Contain (Marked with √ )</b>
Milk √ Egg √ Wheat √ Soy √ Fish √ , Shellfish √ , Tree Nuts √ Peanuts √ Gluten √
GMO √ Corn √ Sugar √ Starch √ Salt √ Artificial Colors √ Irradiation √ Dairy √