

## Product Specification

<b>Product name</b>	Green Tea Extract	<b>Product number</b>	5039654
<b>Country of origin</b>	China	<b>Shelf Life</b>	3 years
<b>Plant Latin Name</b>	<i>Camellia sinensis O. Ktze.</i>	<b>Plant Part</b>	Leaf
<b>Solvent</b>	Water、 Ethanol	<b>Update date</b>	6/23/2025
<b>Characteristic</b>	<b>Standards</b>	<b>Methods</b>	
<b>Appearance</b>	Light yellow brownish powder , no visible foreign matters		
<b>Bulk Density</b>	0.25~0.65 g/mL	USP 〈616〉	
<b>Particle Size</b>	100% pass through 80 mesh	USP 〈786〉	
<b>Loss on drying</b>	≤5.0%	USP 〈731〉	
<b>Acid-Insoluble Ash</b>	≤5.0%	USP 〈561〉	
<b>Polyphenols</b>	≥50.0%	UV	
<b>Heavy Metals(Pb)</b>	≤10mg/kg	USP35 〈231〉	
<b>Lead*</b>	≤3.0mg/kg	USP 〈233〉	
<b>Arsenic*</b>	≤1.0mg/kg	USP 〈233〉	
<b>Mercury*</b>	≤0.1mg/kg	USP 〈233〉	
<b>Cadmium*</b>	≤1.0mg/kg	USP 〈233〉	
<b>Benzo(a)pyrene *</b>	≤10μg/kg	Third party	
<b>PAH(4)*</b>	≤50μg/kg	Third party	
<b>Microbiological Specifications</b>			
<b>Total Aerobic(CFU/g)</b>	≤1000	USP 〈2021〉	
<b>Mold and Yeast(CFU/g)</b>	≤100	USP 〈2021〉	
<b>Coliform(MPN/g)</b>	≤3	AOAC 966.24	
<b>Salmonella*</b>	Negative/10g	USP 〈2022〉	
<b>EGCG</b>	6.0%-10.0%	HPLC	

**Package:** 2 PE bags and drum

**Storage Condition:** Store in tightly closed plastic bag and keep in a cool dry place. Do not freeze. Keep away from strong direct light.

Note: “\*” means that the test type items, send to third party test at least once a year. Or according with the customers requires. Other items are internal testing for each batch.

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Green Tea Powder Extract	<b>Brand</b>	Skyherb®
<b>Lot No.</b>	202603102	<b>Quantity</b>	1000kg
<b>Mfg. Date</b>	Mar.10 2026	<b>Shelf Life</b>	3 years
<b>Plant Part Used</b>	Leaf	<b>Plant Latin Name</b>	<i>Camellia sinensis O. Ktze.</i>
<b>Country of Origin</b>	China	<b>Solvent</b>	Water,Ethanol
<b>Characteristic</b>	<b>Standards</b>	<b>Results</b>	<b>Methods</b>
<b>Appearance*</b>	Light yellow brownish powder		
<b>Bulk Density</b>	0.25~0.65 g/mL	Complied	USP 〈616〉
<b>Particle Size</b>	100% pass through 80 mesh	Complied	USP 〈786〉
<b>Loss on Drying</b>	≤5.0%	3.0%	USP 〈731〉
<b>Acid-Insoluble Ash</b>	≤5.0%	<0.1%	USP 〈561〉
<b>Polyphenols</b>	≥50.0%	53.0%	UV
<b>Heavy Metals(Pb)</b>	≤10mg/kg	<10mg/kg	USP 〈231〉
<b>Lead</b>	≤3.0mg/kg	Complied	USP 〈251〉
<b>Arsenic</b>	≤1.0mg/kg	Complied	USP 〈211〉
<b>Mercury</b>	≤0.1mg/kg	Complied	USP 〈261〉
<b>Solvents Residue</b>			
<b>Ethanol</b>	≤5000mg/kg	<50mg/kg	GC
<b>Microbiological Specifications</b>			
<b>Total Aerobic (CFU/g)</b>	≤1000	<10	USP 〈2021〉
<b>Mold and Yeast CFU/g)</b>	≤100	<10	USP 〈2021〉
<b>Coliform (CFU/g)</b>	≤10	<10	AOAC 966.24
<b>Salmonella</b>	Negative/10g	Complied	USP 〈2022〉
<b>Statements</b>			
Non-Irradiated, Non-GMO			
* <b>Appearance:</b> This is a natural product and there may be color variations from lot to lot due to crop fluctuations from harvest to harvest.			
* <b>Storage Condition:</b> Store in tightly closed plastic bag and keep in a cool dry place. Do not freeze. Keep away from strong direct light.			
* <b>Safety Precaution:</b> Wearing of protective goggles or safety glasses is recommended.If accidentally instilled into the eyes,immediately rinse thoroughly with water and get medical care. Wash skin with soap and water upon contact.			
* <b>Type Test:</b> Lead/ Arsenic/ Mercury/Salmonella those items are tested by certificated lab once a year at least.			



# Material Safety Data Sheet

## 1. PRODUCT IDENTIFICATION

**Product name:** Green Tea Extract

**Synonyms:** N/A

**RTECS:** N/A

**CI#:** N/A

**Synonym:** N/A

**Chemical Name:** N/A

**Chemical Formula:** N/A

## 2. HAZARDS IDENTIFICATION

**Potential Acute Health Effects:** Eyes: Unknown

Inhalation: Unknown

Skin: Unknown

Ingestion: Unknown

### **Potential Chronic Health Effects:**

Carcinogenic effects: None

Mutagenic effects: None

Teratogenic effects: None

Development Toxicity: None

According to the GHS and CLP of classification, it is not a hazardous substance or mixture.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Composition:** Green Tea Extract

**Name:** Green Tea Extract

**CAS#:** 84650-60-2

**EGCG:** 6-10%

## 4. FIRST AID MEASURES

**Eyes:** In case of eye contact, rinse with plenty of water and seek medical attention if necessary.

**Inhalation:** Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary.

**Skin:** Flush with plenty of water and wash using soap.

**Ingestion:** Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical

attention if necessary.

## 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam.

**Specific hazards:** Burning produces irritant fumes.

**Unusual hazards:** Unknown

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Specific methods:** Water mist may be used to cool closed containers.

**Flash point:** Unknown

**Autoignition temperature:** Unknown

**NFPA rating:**

NFPA Health: 1

NFPA Flammability: 0

NFPA Reactivity:0

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment.

**Environmental precautions:** Prevent product from entering drains.

**Methods for cleaning up:** Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

**Storage:** Stable under normal conditions.

**Handling:** Use only in area provided with appropriate exhaust ventilation.

**Safe handling advice:** Wear personal protective equipment.

**Incompatible products:** Oxidising and spontaneously flammable products.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures:** Ensure adequate ventilation.

**PERSONAL PROTECTIVE EQUIPMENT**

**Respiratory protection:** Breathing apparatus only if aerosol or dust is formed.

**Hand protection:** PVC or other plastic material gloves.

**Skin and body protection:** Usual safety precautions while handling the product will provide adequate protection against this potential effect.

**Eye protection:** Safety glasses with side-shields.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance and Odor:** Light yellow brownish powder

**Physical state:** Powder

**Boiling point/range:** No data available at this time

**Vapor pressure:** No data available

**Evaporation rate:** No data available

**Vapor density:** No data available

**Solubility (in water):** No data available

**Flash point:** Unknown

**Autoignition temperature:** Unknown

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under recommended storage conditions.

**Polymerization:** None under normal processing.

**Hazardous decomposition products:** Thermal decomposition can lead to release of irritating gases and vapors such as carbon oxides.

**Materials to avoid:** Strong oxidising agents.

**Conditions to avoid:** Exposure to air or moisture over prolonged periods.

## 11. TOXICOLOGICAL INFORMATION

**Primary irritation:** No data is available on the product itself.

**Carcinogenic effects:** No data is available on the product itself.

**Mutagenic effects:** No data is available on the product itself.

**Reproductive toxicity:** No data is available on the product itself.

## 12. ECOLOGICAL INFORMATION

**Mobility:** No data available

**Bioaccumulation:** No data available

**Ecotoxicity effects:** No data available

**Aquatic toxicity:** May cause long-term adverse effects in the aquatic environment.

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:** Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fires extinguished with this material may be hazardous.

**Contaminated packaging:** Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

**DOT (Dept. of Transportation, USA):** Not regulated

**TDG (Transportation of Dangerous Goods, Canada):** Not regulated

**IMDG (International Maritime Dangerous Goods):** Not regulated

**IATA (International Air Transport Association):** Not regulated

**ICAO (International Civil Aviation Organization):** Not regulated

## 15. REGULATORY INFORMATION

**TSCA Inventory Status:**

This material is intended to be used as a health dietary supplement ingredient and is exempt from Toxic Substances Control Act (TSCA) regulation (40 CFR 710) when used as such. Do not use for other purposes.

**DSCL (EEC):**



This material is not classified as Dangerous according to the health and physical properties criteria of the EU Directives on the classification of substances and preparation.

**Regulatory compliance:**

Regulation (EU) No 2020/878 and Regulation (EC) No 1272/2008.

## 16. OTHER INFORMATION

**Revision Date:** Dec 5, 2024

**Compliance:**

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

**Disclaimer:**

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**End of Safety Data Sheet**