



25 Main Street, Building 6 Belleville, NJ 07109
Tel: 973-759-2002 Fax: 973-759-3002

www.intotherainforest.com
info@intotherainforest.com

CERTIFICATE OF ANALYSIS

IDENTIFICATION

Product Name: Astragalus Root Extract 4:1
Botanical Name: Astragalus Membranaceus
Batch: ASRPE/17-04-093-B
Product Code: ASM2000
Part Used: Root
Country of Origin: China
Manuf. Date: 05-2016
Retest. Date: 05-2019

ANALYSIS

Identification
Description
Color
Taste
Odor
Moisture
Heavy Metals

(Pb)

(As)

(Cd)

(Hg)

Carriers

Extraction Method

Mesh Size

SPECIFICATION

Positive
Powder
Tan to Light brown
Characteristic
Characteristic
 $\leq 8.0\%$
 $\leq 15\text{ppm}$
 $\leq 5.0\text{ppm}$
 $\leq 3.0\text{ppm}$
 $\leq 2.0\text{ppm}$
 $\leq 1.0\text{ppm}$
Maltodextrin
Ethanol - Water
Through USS 40 mesh

RESULT

Conform
Powder
Tan
Conform
Conform
7.10%
Conform
0.722ppm
0.4100ppm
0.020ppm
0.05ppm

TEST

Visual
FT-NIR
Visual
Visual
Organoleptic
5g/105C/2hrs

EXTRACT STRENGTH

Extract Ratio 4:1 (Parts of Botanical: Parts of native extract)

MICROBIOLOGICAL

Total Plate Count	$\leq 200,000\text{cfu/g}$	10,000cfu/g	FDA BAM
Yeast	$\leq 1,000\text{cfu/g}$	100cfu/g	FDA BAM
Mold	$\leq 1,000\text{cfu/g}$	100cfu/g	FDA BAM
Coliforms	$\leq 100\text{cfu/g}$	100cfu/g	FDA BAM
E. coli	Absent/10g	Absent/10g	USP <2022>
Salmonella	Negative	Negative	AOAC

Storage:

Store in a tightly, sealed container in a cool and dry area. Keep away from strong light and heat.
This product is non gmo. Product is not treated with ETO, nor is it Gamma irradiated

Above data is based on the analysis provided by the manufacturer and is offered as a service to our customer, is not intended to relieve a customer from its responsibility to determine the suitability of this information or of the material described. Ecuadorian Rainforest, suggest that you evaluate the product on a laboratory scale prior to use in a finished product

Paula H. Huelter

QC: _____

Date: 10-26-2017

Ingredients From South America and Beyond



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SAFETY DATA SHEET

SECTION 1- NAME AND HAZARD SUMMARY

Material Name: Astragalus Root Extract 4:1
Health Hazards: None
Distributors Name: Ecuadorian Rainforest, 25 Main Street, Building #6, Belleville, NJ 07109
Emergency Information: Phone: 973-759-2002 - Fax: 973-759-3002

SECTION 2- HAZARDOUS INGREDIENTS

Ingredients are Non-Hazardous. This information is furnished as customer service only.

SECTION 3 - COMPOSITION / INFORMATION

CAS # Not available
FDA # Not available
FEMA# Not available
Item # Astragalus Membranaceus
Maltodextrin

SECTION 4- FIRST AID MEASURES

In case of accident consult physician.

Inhalation: Breath in fresh air
Eye contact: Flush thoroughly with water
Skin contact: Wash with soap and water
Ingestion: N/A

SECTION 5- FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A
Flammable Limits (STP): No Data
Special Fire-fighting Procedure: Self Contained breathing apparatus and protective gear
Unusual Fire and Explosion Hazards: Flammable as dust when finely divided and suspended in air
Extinguishing Media: Carbon Dioxide, Water, Dry Chem

SECTION 6- SPILL OR LEAK PROCEDURE

Steps to take in case material is released or spilled:

Mop up or sweep up the absorbent. Wash spill area with hot water and detergent and flush to a sewer serviced by wastewater treatment facility.

Waste Disposal Method:

Discarded product is not a hazardous waste under RCRA, 40CFR 261

SECTION 7- HANDLING AND STORAGE

Store in full sealed containers in cool dry place away from sources and ignition heat or direct sunlight.
Follow good industrial and hygienics practises

SECTION 8- SPECIAL PROTECTION INFORMATION

Protective Equipment:

Respiratory Protection: OSHA/approved dust / mist respirator

Eye Protection: Safety glasses recommended

Skin Protection: As necessary to protect from skin irritation

Hygienic Practises: Gloves and protective outer clothing as normal



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SECTION 9 - PHYSICAL DATA

Boiling Point N/A
Appearance: Tan to Light Brown / Powder
Vapor Pressure N/A
% Volatiles N/A
Class: 1 can be safely consumed when used appropriately

SECTION 10- REACTIVITY DATA

Stability: Stable Hazardous Polymerization will not occur
Conditions to avoid: This material is stable from a safety point of view
Incompatibility: Oxidizers
Hazardous Polymerization: None

SECTION 11- TOXICOLOGICAL INFORMATION

Oral toxicity : Not Toxic
Dermal Toxicity : Not Toxic
Inhalation Toxicology : Not Toxic
LD50 or LC50: Not available

SECTION 12- ECOLOGICAL INFORMATION

Toxicity: Not available
Persistence and Degradable Not available
Mobility in Soil Not available

SECTION 13- DISPOSAL CONSIDERATION

Waste Treatment Method: Dispose of in accordance with local regulation. Avoid disposing into drainage system and into environment. Empty containers should be taken to an approved waste handling site for recycling or disposal

SECTION 14- TRANSPORT INFORMATION

Transport Hazard classes Not classified
Packing Group Not classified
Environmental Hazards: Not environmentally hazardous for transport

SECTION 15 - REGULATION INFORMATION

The information herein is given in good faith, without warranty or acceptance of any liability on the part of Ecuadorian Rainforest, LLC. It is the responsibility of the user to evaluate the relevance and completeness of this information for their application and to determine the safety, suitability and status under applicable regulations relating to this product. No additional safety, health and environmental regulation/legislation specific for the substance or mixture

SECTION 16- OTHER INFORMATION

Key to revision: Product Identifier
Key to abbreviations Not applicable



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ALLERGEN STATEMENT

Product Name: Astragalus Root Powder Extract 4:1

Allergen	Yes	No	Allergen	Yes	No	Allergen	Yes	No
Alcohol	X		Egg Products			Sunflower Oil		X
Animal Source Products		X	Fish / Shellfish/ Seaweed			Tree Nuts/ Oil		X
Artificial Color		X	Gluten			Rice		X
Artificial Flavor		X	Celery			Soy Products		X
Artificial Sweetener		X	Peanut or Peanut Oil			Starch (Source)		X
Canola		X	MSG			Tartrazine		X
Corn Products	X		Potato			Tomato		X
Excipients/ Carriers Maltodextrin	X		Safflower Oil			Wheat Products		X
Dairy Products		X	Sesame Oil			Yeast		X
Sugar (Source)		X	Sodium (% unit dose)			Sulphites		X
Wheat Products		X	Barley Products			Other Allergen Ingredients **		X

GMO (Genetically Modified Organism) Status:

This product **DOES NOT** contain any ingredients that are genetically modified.