Product Specification Sheet

1. Product Description

Product Name:	Guarana Extract Powder (min. 12 % caffeine) — Bulk Food Grade
Chemical / Common Name:	Guarana (Paullinia cupana) seed extract, spray-dried
Synonyms:	Guarana seed extract
Ingredient Statement:	Guarana seed extract, maltodextrin, natural caffeine
Molecular Formula / Weight:	Not applicable (botanical extract)
CAS No. / HS Code:	Not applicable
Grade:	☐ Conventional ☐ Organic ☒ Food Grade ☐ USP / FCC
Country of Origin:	—
Description:	Brown fine powder obtained by hydroalcoholic extraction of guarana (Paullinia cupana) seeds, then spray-dried. Standardized to min. 12 % caffeine.

2. Physical & Chemical Characteristics

Parameter	Specification	Method
Appearance	Brown fine powder	Visual (ISO 5492)
Odour & Taste	According to standard	Paired comparison (ISO 5492)
Identification	According to standard	HPLC
Moisture, Karl Fischer (g/100 g)	≤ 5.00	Karl Fischer
Specific Gravity (g/mL)	0.40 – 0.80	Gravimetric
pH	4.00 – 6.00	Potentiometric
Caffeine (g/100 g)	≥ 12.00	HPLC

3. Contaminants

Parameter	Specification	Method
Not specified	—	—

4. Microbiological Characteristics

Parameter	Specification	Method
Total Aerobic Mesophilic Count (CFU/g)	≤ 1,000	AOAC 990.12
Yeasts & Moulds (CFU/g)	≤ 100	AOAC 997.02
Total Coliforms (MPN/g)	≤ 10	Culture method
E. coli	Negative /g	Culture method
Salmonella spp.	Negative /25 g	Culture method
Staphylococcus aureus	Negative /g	ISO 6888-1

5. Allergen Declaration

Priority Allergen (Health Canada)	Present in Product	Same Line / Facility
Peanuts	☐ Yes ☒ No	☐ Yes ☐ No
Tree nuts	☐ Yes ☒ No	☐ Yes ☐ No
Sesame seeds	☐ Yes ☒ No	☐ Yes ☐ No
Milk	☐ Yes ☒ No	☐ Yes ☐ No

Priority Allergen (Health Canada)	Present in Product	Same Line / Facility
Eggs	☐ Yes ☒ No	☐ Yes ☐ No
Fish	☐ Yes ☒ No	☐ Yes ☐ No
Crustaceans & molluscs	☐ Yes ☒ No	☐ Yes ☐ No
Soy	☐ Yes ☒ No	☐ Yes ☐ No
Wheat & triticale	☐ Yes ☒ No	☐ Yes ☐ No
Gluten (barley, oats, rye)	☐ Yes ☒ No	☐ Yes ☐ No
Mustard	☐ Yes ☒ No	☐ Yes ☐ No
Sulphites (≥ 10 ppm)	☐ Yes ☒ No	☐ Yes ☐ No

6. Regulatory Status

GMO Status:	☒ Non-GMO ☐ Contains GMO ☐ Not applicable
Irradiation:	☐ Not irradiated ☐ Irradiated
Certifications:	☐ Kosher ☐ Halal ☐ Organic ☐ Vegan ☐ Other: _____
BSE / TSE Statement:	Plant-derived ingredients, not of animal origin. Free from BSE/TSE risk.
Standard of Quality:	Manufactured under GMP. Gluten free. Produced on lines that also handle priority allergens; cross-contact controlled by sequencing and validated sanitation (manufacturer declaration). Heavy metals not specified by the manufacturer.

7. Packaging, Storage & Shelf Life

Uses:	Natural caffeine source for energy drinks, functional beverages, pre-workout and supplement formulations.
Packaging:	Food-grade sealed pouches, repacked from the manufacturer's original packaging.
Storage Conditions:	Avoid sun exposure. Store in a dry, ventilated place in well-closed packaging.
Shelf Life:	24 months from date of manufacture under recommended storage conditions.
Lot Code Format:	YYYYMMDDNN (repack date + sequence), traceable to the manufacturer lot.

8. Quality Assurance Review

Reviewed By (QA): LiquidShop Quality Assurance **Review Date:** 2026-10-08

This document was prepared electronically and reviewed by LiquidShop Quality Assurance. It is valid without a signature.

The information contained in this document is accurate to the best of our knowledge. It is the responsibility of the user to ensure the product is suitable for its intended application and complies with applicable regulations.