

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2025-003
Item to be Scouted	Mushroom Extracts
Days to be scouted	30
Response Due By	02/07/2025
Description	Nutraceutical product for oral consumption
Notify Requester Immediately	No
State item to be used in	Rhode Island

Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	New product startup
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Mushroom fruiting body cultivated in controlled environment, harvested, cleaned, dehydrated / freeze dried, milled into a fine powder, extraction for active compounds (typically hot water extraction but does not capture certain actives which is why cordycepin requires dual) and likely maintained in liquid form
Provide dimensions / size / tolerances / performance specifications for the item	Most extracts will be supplied as powder, which is fine but preferably water-soluble and d90 granule size below 50 micron. If smaller is available, that's even better. If this size can't be sourced then the smallest sizes available with highest beta glucan % to maximize concentration. The finished product for this first application will be a gummy. The second product will be a beverage, which is where the particle size distribution will become even more important. Reishi, lion's mane, turkey tail, chaga water-based organic mushroom-only extracts (no grains or mycelium) with guaranteed min. polysaccharide %, as high as possible cordyceps militaris dual extract with >30% beta glucan or as high as possible
List required materials needed to make the product, including materials of product components	Formulation components - base, acid, sweetener, active ingredients (mushroom extracts+herb extracts), preservatives and flavor enhancers
Are there applicable certification requirements?	No
Are there applicable regulations?	Yes
Details	Supply - FDA Food Facility Registration, GMP, COA, potentially - USDA organic, ISO 9001/22000, non-GMO project verified Produce - FDA cGMP Facility, COA, potentially - USDA organic, HACCP, ISO 9001/22000/14001, fair trade/sustainability, GRAS status, FSMA
Are there any other standards, requirements, etc.?	No
NAICS 1	
NAICS 2	
Additional Technical Comments	As mentioned above, dual extract for cordycepin militaris would use glycerin or alcohol to capture certain compounds of interest that are hydrophobic.

Section 4: Business Information

Estimated potential business volume	at least 1.76kg per extract per month *if @ 30%betaglucan*
Estimated target price / unit cost information (if unavailable explain)	less than \$100 / kg
When is it needed by?	ASAP
Describe packaging requirements	No requirements. Preferred: Liquid tight container, preferably not clear to avoid light penetration
Where will this item be shipped?	nationally and internationally

Additional Comments

Is there other information you would like to include?	
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