



Bio-Botanica, Inc. 75 Commerce Drive, Hauppauge, NY 11788-3902. Tel 800-645-5720 www.bio-botanica.com

Innovative Labs, LLC. 85 Commerce Drive, Hauppauge, NY 11788-3902. Tel 631-434-7514 www.innovativelabsny.com

Nature's Answer Inc. 85 Commerce Drive, Hauppauge, NY 11788-3902. Tel 800-439-2324 www.naturesanswer.com

SPECIFICATION SHEET

Product Name : PE GINGER ROOT 4%
Product ID : 4288

Expiry Date : 48 Months
Mg/Unit : 100
Units/Serving : 1

TEST DESC	SPECIFICATIONS	METHOD
Physical		
Appearance	Free-flowing powder	COQCL-000001 / Organoleptic
Ash Content	55.00-75.00 %	COQCL-000012 / Ash
Bulk Density	0.70-1.25 g/mL	COQCL-000013 / Density
Color	Brown to dark brown or black	COQCL-000001 / Organoleptic
Foreign Organic Matter	<=0.20 %	COQCL-000011 / Foreign Matter
Identification - FT-NIR	0.90-1.00	COQCL-000005 / FT-NIR
Loss on Drying / Moisture	<=10.00 %	COQCL-000100 / LOD
Mesh Size / Particle Size	95.00-100.00 %	COQCL-000021 / Particle Size
Odor	Characteristic, spicy, ginger-like odor	COQCL-000001 / Organoleptic

Chemical		
Volatile Oil	4.00-6.00 %	COQCL-000112 / Distillation

Contaminant		
Arsenic (As)	<=1.00 ppm	COQCL-000095 / ICP-MS
Cadmium (Cd)	<=0.50 ppm	COQCL-000095 / ICP-MS
Lead (Pb)	<=5.00 ppm	COQCL-000095 / ICP-MS
Mercury (Hg)	<=1.00 ppm	COQCL-000095 / ICP-MS

Microbiological		
Combined Yeast & Mold	<500 cfu/g	COQCL-000501 / BioLumix
E.coli	Absent in 10 g	COQCL-000501 / BioLumix
Salmonella	Absent in 10 g	COQCL-000501 / BioLumix
Staph. aureus	Absent in 10 g	COQCL-000501 / BioLumix



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TAC	<10,000 cfu/g	COQCL-000501 / BioLumix

Other Ingredients:

Dicalcium Phosphate, Zingiber Officinale (Ginger) Root Extract, Zingiber Officinale (Ginger) Root Oil

Packaging and Storage Statement:

5 gallon HDPE pail with HDPE locking lid with SBR gasket or 55 gallon HDPE drum with locking lid and SBR gasket.
 Store well sealed at room temperature.
 Do not freeze.

Stability and Expiration Dating:

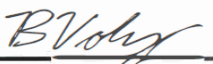
48 Months

Test Included within Skip Lot Testing Plan:

The below results are representative values based on a statistically valid sampling and testing plan:

USP Pesticides - Complies to USP pesticide requirements (tested annually)

Approved By:


Brendan Volz
 Quality and Food Safety Supervisor
 (Electronically Signed)

8/21/2026