



**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 LICORICE  
**Product ID :** 4384

**Expiry Date :** 48 Months  
**Mg/Unit :** 1000  
**Units/Serving :** 1

| TEST DESC                 | SPECIFICATIONS                       | METHOD                        |
|---------------------------|--------------------------------------|-------------------------------|
| <b>Physical</b>           |                                      |                               |
| Appearance                | Fine, free-flowing powder            | COQCL-000001 / Organoleptic   |
| Ash Content               | 55.00-75.00 %                        | COQCL-000012 / Ash            |
| Bulk Density              | 0.70-1.35 g/mL                       | COQCL-000013 / Density        |
| Color                     | Beige to brown                       | COQCL-000001 / Organoleptic   |
| Foreign Material          | <=0.02 %                             | COQCL-000011 / Foreign Matter |
| Identification - FTIR     | 0.90-1.00                            | COQCL-000002 / FTIR           |
| Loss on Drying / Moisture | <=5.00 %                             | COQCL-000100 / LOD            |
| Mesh Size / Particle Size | 95.00-100.00 %                       | COQCL-000021 / Particle Size  |
| Odor                      | Characteristic, faintly sweet herbal | COQCL-000001 / Organoleptic   |

|                    |            |                       |
|--------------------|------------|-----------------------|
| <b>Contaminant</b> |            |                       |
| Arsenic (As)       | <=3.00 ppm | COQCL-000095 / ICP-MS |
| Cadmium (Cd)       | <=3.00 ppm | COQCL-000095 / ICP-MS |
| Lead (Pb)          | <=3.00 ppm | COQCL-000095 / ICP-MS |
| Mercury (Hg)       | <=0.30 ppm | COQCL-000095 / ICP-MS |

|                        |                |                         |
|------------------------|----------------|-------------------------|
| <b>Microbiological</b> |                |                         |
| Combined Yeast & Mold  | <1,000 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 |
| TAC                    | <10,000 cfu/g  | COQCL-000501 / BioLumix |



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### TEST DESC

### SPECIFICATIONS

### METHOD

**Other Ingredients:**

Dicalcium phosphate, Licorice Root Extract

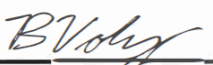
**Packaging and Storage Statement:**

5 gallon white HDPE plastic pail with SBR gasket and HDPE locking lid or 55 gallon blue HDPE plastic drum with SBR gasket and HDPE locking lid.  
Store well sealed at room temperature away from heat.

**Stability and Expiration Dating:**

48 Months

Approved By:

  
Brendan Volz  
Quality and Food Safety Supervisor  
(Electronically Signed)

3/19/2025