



**Bio-Botanica, Inc.** 75 Commerce Drive, Hauppauge, NY 11788-3902. Tel 800-645-5720 [www.bio-botanica.com](http://www.bio-botanica.com)  
**Innovative Labs, LLC.** 85 Commerce Drive, Hauppauge, NY 11788-3902. Tel 631-434-7514 [www.innovativelabsny.com](http://www.innovativelabsny.com)  
**Nature's Answer Inc.** 85 Commerce Drive, Hauppauge, NY 11788-3902. Tel 800-439-2324 [www.naturesanswer.com](http://www.naturesanswer.com)

SPECIFICATION SHEET

**Product Name :** FE CINNAMON

**Product ID :** 5029

**Expiry Date :** 48 Months

**Mg/Unit :** 1000

**Units/Serving :** 1

| TEST DESC              | SPECIFICATIONS                                 | METHOD                      |
|------------------------|------------------------------------------------|-----------------------------|
| <b>Physical</b>        |                                                |                             |
| Appearance             | Slightly cloudy, mobile liquid                 | COQCL-000001 / Organoleptic |
| Color                  | Dark red to brown                              | COQCL-000001 / Organoleptic |
| Identification - FTIR  | 0.95-1.00                                      | COQCL-000002 / FTIR         |
| Odor                   | Characteristic, alcoholic, faint cinnamon odor | COQCL-000001 / Organoleptic |
| pH                     | 4.40-5.60                                      | COQCL-000007 / pH           |
| Refractive Index       | 1.38-1.43                                      | COQCL-000008 / RI           |
| Solid Content          | 40.00-55.00                                    | COQCL-000006 / Gravimetric  |
| Specific Gravity       | 1.08-1.14                                      | COQCL-000009 / SG           |
| Taste                  | Alcoholic, herbal                              | COQCL-000001 / Organoleptic |
| <b>Chemical</b>        |                                                |                             |
| GC-Ethanol             | 12.00-15.00                                    | COQCL-000015 / GC-FID       |
| <b>Microbiological</b> |                                                |                             |
| Combined Yeast & Mold  | <200 cfu/g                                     | COQCL-000501 / BioLumix     |
| E.coli                 | Absent in 10 g                                 | COQCL-000501 / BioLumix     |
| Salmonella             | Absent in 10 g                                 | COQCL-000501 / BioLumix     |
| Staphylococcus aureus  | Absent in 10 g                                 | COQCL-000501 / BioLumix     |
| Total Aerobic Count    | <500 cfu/g                                     | COQCL-000501 / BioLumix     |

**Other Ingredients:**  
Glycerin, Water, Cassia Bark Extract, Ethyl Alcohol

**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



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|-----------|----------------|--------|
|-----------|----------------|--------|

Approved By: **Mohammad Ahmed**  
Quality Assurance Manager  
(Electronically Signed)