

**Manufactured by:**  
**Bio-Botanica Inc.**  
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**Distributed by:**  
**IMCD Australia Pty Ltd**  
Level 1, 352 Wellington Road  
Mulgrave, VIC, 3170  
Australia

**Code#: 4354**

## Product Specification

### **Product Description:**

**ITEM NAME:** PE Hyssop 4:1 (*Hyssopus officinalis*.)

**PLANT PART:** Herb

**APPEARANCE:** Free-flowing powder

**PARTICLE SIZE:** >=95% through # 40 mesh

**COLOR:** Light beige or tan to light brown

**AROMA:** Mild herbal

**TASTE:** Characteristic

**METHOD OF IDENTIFICATION:** TLC

**METHOD OF MANUFACTURE:** Extraction by \*Bio-Chelation®

**SOLVENT FOR EXTRACTION:** Hydro alcoholic – 10-20 % Ethanol

**EXCIPIENT:** Di Calcium Phosphate 50-70 %

**SOLUBILITY:** Slightly soluble in water

**ADDITIVES: WATER:** Solubilizer

**RECOMMENDED STORAGE:** Store in a cool dry place, away from excessive heat or freezing temperatures.

**EXPIRATION:** 4 YEARS

### Physical:

ASH CONTENT  
BULK DENSITY  
FOREIGN ORGANIC MATTER  
LOSS ON DRYING/MOISTURE  
PARTICLE SIZE

### Method

COQCL-000012 / Ash  
COQCL-000013 / Density  
COQCL-000011 / Foreign Matter  
COQCL-000100 / LOD  
COQCL-000021 / Particle Size

### Specification

>=55.00 % (2 hrs @ 600° C)  
0.70 - 1.35 g/cc  
<=0.02 %  
<=5.00 % (2 hrs @ 105° C)  
>=95.00 % through #40 mesh

### Chemical:

ARSENIC (As)  
CADMIUM (Cd)  
LEAD (Pb)  
MERCURY (Hg)

### Method

COQCL-000095 / ICP-MS  
COQCL-000095 / ICP-MS  
COQCL-000095 / ICP-MS  
COQCL-000095 / ICP-MS

### Specification

<= 1.5 ppm  
<= 0.5 ppm  
<= 0.5 ppm  
<= 0.2 ppm

### Microbial:

TOTAL AEROBIC COUNT  
YEAST & MOLD COUNT  
SALMONELLA  
E. COLI  
STAPH. AUREUS  
ENTEROBACTERIACAE

### Method

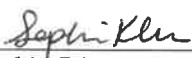
COQCL-000501 / BioLumix  
COQCL-000501 / BioLumix  
COQCL-000501 / BioLumix  
COQCL-000501 / BioLumix  
COQCL-000501 / BioLumix  
COQCL-000502 / AOAC

### Specification

<= 10,000 cfu/g  
<= 100 cfu/g  
Absent in 10 g  
Absent in 1 g  
Absent in 1 g  
<= 100 cfu/g

\*Bio-Chelation® is a registered trademark of Bio-Botanica Inc. Bio-Chelation® is a propriety cold extraction process.  
Hyssop is free from preservatives.

Rev.1 (10/05/2021)

 10/5/2021  
**Sophia Khan** **Quality Assurance Coordinator**

“Where Science brings out the best in Nature”