

Manufactured by:
Bio-Botanica Inc.
75 Commerce Drive
Hauppauge, NY 11788
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Distributed by:
IMCD Australia Pty Ltd
Level 1, 352 Wellington Road
Mulgrave, VIC, 3170
Australia

Code #: 4406

Product Specification

Product Description:

ITEM NAME: Marigold PE 4:1 (Calendula officinalis)

PLANT PART: Flowers

APPEARANCE: Fine powder

PARTICLE SIZE: $\geq 95\%$ through # 40 Mesh

COLOR: Light to medium tan

AROMA: Mild herbal

ACTIVE CONSTITUENT: Volatile oil

METHOD OF IDENTIFICATION: UPLC

METHOD OF MANUFACTURE: Extraction by *Bio-Chelation ®

SOLVENT FOR EXTRACTION: Hydro-alcoholic 10-20%

EXCIPIENT: Di calcium Phosphate 50 – 70%

SOLUBILITY: Slightly soluble in water

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

EXPIRATION DATE: 4 Years

Physical Test

MOISTURE

FOREIGN ORGANIC MATTER

BULK DENSITY

ASH

MESH SIZE

Method

COQCL-000100 / LOD

COQCL-000011 / Foreign Matter

COQCL-000013 / Density

COQCL-000012 / Ash

COQCL-000021 / Particle Size

Specification

$\leq 5.00\%$ (2 hrs @ 105°C)

$\leq 0.20\%$

0.80 - 1.30 g/cc

$\geq 50.00\%$ (2 hrs @ 600°C)

$\geq 95.00\%$ through #40 mesh

Heavy Metals Test

ARSENIC (AS)

CADMIUM (CD)

LEAD (PB)

MERCURY (HG)

COQCL-000095 / ICP-MS

COQCL-000095 / ICP-MS

COQCL-000095 / ICP-MS

COQCL-000095 / ICP-MS

<1.5 ppm

<0.5 ppm

<0.5 ppm

<0.2 ppm

Microbial Test

TOTAL AEROBIC COUNT

YEAST & MOLD COUNT

E. COLI

SALMONELLA

STAPH. AUREUS

ENTEROBACTERIA

COQCL-000501 / BioLumix

COQCL-000501 / BioLumix

COQCL-000501 / BioLumix

COQCL-000501 / BioLumix

COQCL-000501 / BioLumix

COQCL-000502 / AOAC

$<10,000$ cfu/g

<100 cfu/g

Negative

Negative

Negative

Negative

Rev.1 (8/4/2022)

Sophia Khan 8/5/2022
Sophia Khan QA and Regulatory Analyst

“Where Science brings out the best in Nature”