



Product Specification

Product: **PE JUNIPER BERRIES**

Code Number: **4360**

Product Description: A hydro-alcoholic extract of the fruit from the botanical *Juniperus communis* (Juniper Berry) dried onto dicalcium phosphate.

Ingredients: Dicalcium phosphate, Juniper Berry (*Juniperus communis*) Fruit Extract

Test	Specification	Method
PHYSICAL		
Appearance	Free-flowing powder	COQCL-000001 / Organoleptic
Ash Content	$\geq 55.0\%$ (2 hrs @ 600°C)	COQCL-000012 / Ash
Bulk Density	0.70 - 1.35 g/cc	COQCL-000013 / Density
Color	Tan to brown	COQCL-000001 / Organoleptic
Foreign Organic Matter	$\leq 0.20\%$	COQCL-000011 / Foreign Matter
Loss on Drying / Moisture	$\leq 5.00\%$ (2 hrs @ 105°C)	COQCL-000100 / LOD
Mesh Size / Particle Size	$\geq 95.00\%$ through #40 mesh	COQCL-000021 / Particle Size
Odor	Characteristic, mildly herbal	COQCL-000001 / Organoleptic
Identification - FT-NIR	≥ 0.9500	COQCL-000005 / FT-NIR
CHEMICAL		
Arsenic (As)	≤ 10.0 ppm	COQCL-000095 / ICP-MS
Cadmium (Cd)	≤ 4.1 ppm	COQCL-000095 / ICP-MS
Lead (Pb)	≤ 0.5 ppm	COQCL-000095 / ICP-MS
Mercury (Hg)	≤ 0.3 ppm	COQCL-000095 / ICP-MS
MICROBIOLOGICAL		
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
Staph. aureus	Absent in 10 g	COQCL-000501 / BioLumix
TAC	$< 1,000$ cfu/g	COQCL-000501 / BioLumix
GENERAL		
Expiration Period	4 Years	Informational Input

NOTES:

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Product: **PE JUNIPER BERRIES**

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Retest Date: **4 Years**

Packaging and 5 gallon white HDPE plastic pail with SBR gasket and HDPE locking lid or 55 gallon blue HDPE

Storage: plastic drum with SBR gasket and HDPE locking lid.

Store well sealed at room temperature away from heat.



Quality: _____

Date: 11/13/2023 Time: 12:20:00PM

Patrick Brady
(electronically signed)