

VINANZA® SKIN PERFORMANCE

PRODUCT SPECIFICATION

Product:	Vinanza Skin Performance
Product code:	VSP
Country of origin:	New Zealand (raw material and manufacture)
Product description:	Vinanza® Skin Performance is proprietary blend of Grape Seed Extract and Kiwifruit Skin Extract. This uniquely functional product delivers a powerful blend of skin-nourishing nutrients clinically proven to help maintain a healthy and youthful appearance.
Botanical description:	<i>Vitis vinifera and Actinidia deliciosa</i>
Other name:	grape and kiwifruit
CAS number:	grape 84929-27-1; kiwifruit 92456-63-8
Plant part:	skin and seeds
Solvent:	potable water
Equivalence:	grape 120:1; kiwifruit 50:1
Plant preparation:	wash, extract, concentrate, freeze-dry, blend
Excipient:	none
GMO:	non-GMO
Minimum recommended dosage:	2-2.5% finished product (topical) / 250-500mg per serve (oral)

Physical, analytical and microbiological detail

Test	Specification	Method
Appearance	light brown / red fine powder	Visual
Taste	Astringent	Sensory evaluation
Odour	Light aromatic	Sensory evaluation
Active ingredients	> 100 mg/g phenolics	AOAC 952.03 OMA online (mod)
Soluble dietary fibre	> 280 mg/g	AOAC985.29 OMA online
Mesh size*	> 95% through 40 mesh	Pass
Loss on drying	< 5%	BP or USP loss on drying method
Water activity	< 0.25	AquaLab Operator's manual
Pesticides residue	Complies with MRL limits for markets as specified by MPI managed database when read in conjunction with independent laboratory pesticide test results	Solvent extraction, SPE cleanup, GC-MS/MS and LC-MS/MS analysis https://www.mpi.govt.nz/resources-and-forms/registers-and-lists/maximum-residue-levels-database/
Lead (Pb)	< 3.0 ppm	Biological materials digestion ICP-MS
Mercury (Hg)	< 0.1 ppm	Biological materials digestion ICP-MS
Arsenic (As)	< 3.0 ppm	Biological materials digestion ICP-MS
Cadmium (Cd)	< 1.0 ppm	Biological materials digestion ICP-MS
Solubility in water	> 95%	In-house method
Aerobic Plate Count	< 2,000 cfu/g	APHA 8.72 5th Ed
Yeasts and molds	< 2,000 cfu/g	APHA 21.5 (modified) 5th Ed
<i>Escherichia coli</i>	Negative/10g	APHA 9.93 (modified) 5th Ed
<i>Salmonella</i>	Negative/10g	ISO 6579-1:2017
<i>Staphylococcus aureus</i>	Negative/10g	APHA 39.6 (modified) 5th Ed
Shelf Life	24 months (2 years unopened)	
Packing	2 x 10 kg, total net 20 kg, heat sealed, foil laminate bags within individual cartons and then packed together in a heavy-duty cardboard outer.	
Storage	In a cool, dry place away from light	
Certification	Kosher certification is available on request	

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