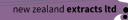
## **Dy-fend**<sup>°</sup> ANTIOXIDANTS



## OXIFEND® CARDIO BLEND

PRODUCT SPECIFICATION

Product:	Oxifend Cardio Blend	
Product code:	XPC	
Country of origin	New Zealand (raw material and manufacture)	
Product description	Oxifend® Cardio is a proprietary blend of sustainably grown New Zealand Sauvignon blanc grape seed and Pinot noir grape skin extracts manufactured using a unique 100% Aqua Pure®, extraction process. A purple/reddish brown powder high in natural phenolics.	
Botanical description:	Vitis vinifera	
Other name:	grape	
CAS number:	84929-27-1	
Plant part:	skins and seeds	
Solvent:	potable water	
Equivalence:	fruit:extract 200:1	
Plant preparation:	wash, extract, concentrate, freeze-dry, blend	
Excipient:	none	
GMO:	non-GMO	
Minimum recommended dosage: 500 mg per serve		

## Physical, analytical and microbiological detail

Test	Specification	Method
Appearance	Purple / red brown powder	Visual
Taste	Astringent	Sensory evaluation
Odour	Light aromatic	Sensory evaluation
Active ingredients	> 500 mg/g phenolics	AOAC 952.03 OMA online (mod)
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	Solvent extraction, SPE cleanup, GC-MS/MS and LC- MS/MS analysis https://www.mpi.govt.nz/resources-and-
	laboratory pesticide test results	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
Escherichia coli	Negative/10g	APHA 9.93 (modified) 5th Ed
Salmonella	Negative/10g	ISO 6579-1:2017
Staphylococcus aureus	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	

Date of Issue: 21st November 2023

Replaces: 21st September 2023