



Certificate of Analysis

ANALYTICAL CERTIFICATE

Test sample: Organic Vetiver Oil
Batch: FORODN/ O/VT/3200001

Product details			
Product name	<i>Sri Lanka organic Vetiver oil</i>	Genus/species	<i>Vetiveria zizaniodes</i>
Parts used	<i>Roots</i>	Color & appearance	<i>Brownish yellow to dark brown</i>
Grade	<i>100% Pure & Natural</i>	Organoleptic characters	<i>Fresh specific to Vetiver oil</i>
Country of origin	<i>Sri Lanka</i>	Process	<i>Steam distillation</i>
Cas No	<i>84238-29-9</i>	EINICS No	<i>282-490-8</i>
Shelf-Life	<i>60 months</i>		
Manufacturing date	<i>06/05/2020</i>	Best before date	<i>06/05/2025</i>
Physio-Chemical Analysis			
TEST	PROTOCOL	STD RANGE	RESULT
S.G.	Anton Paar DMA 38	0.9860 to 0.9980 @ 20°C	0.9897
R.I.	ATAGO ABBE Refractometer	1.5000 to 1.5200 @ 20°C	1.5084
b-Vetivenene	SHIMADZU 2010 plus GC with RTX Wax column & QP 2010 Plus GCMS with SGE BP-5 column	0.50% to 5.00%	1.84%
b-Vetivon		0.05% to 2.00%	0.45%
Khusimol		7.00% to 18.00%	17.56%
Iso-Valencenol		0.10% to 3.50%	1.25%
a-Vativon		1.00% to 6.00%	2.09%
Zizanoic acid		0.08% to 0.90%	0.13%
The sample testing methods that has been carried out in relation to the standards of F&O NL.			
Packing, Storing, Stability, Fire Protection & Quality Contact			
Packing	<i>International Standard packaging food grade</i>		
Stability Statement	<i>Store in cool, dry and ventilated area under nitrogen surface and keep away from heat and direct sunlight.</i>		
Fire protection	<i>Keep away from ignition source and flame</i>		
Quality Contact	<i>E mail: info@fairnorganic.com</i>		
Approval			
Prepared by:	<i>G.M. Raheem (Quality Control)</i>		

THIS IS A COMPUTER-GENERATED CERTIFICATE, AND AUTHORIZE SIGNATURE IS NOT REQUIRED.