

Certificate of Analysis: Tongkat Ali (LJ100A)

Tongkat ali Roots HA PE 100-1				
Product Code :			1305210	
Certificate of Analysis				
Version SDS	Date	Conclusion	Written by	Sign
003	2016-11-30	conform	M.LEVESQUE Quality Insurance	
			Validated by	Sign
			C.CHANE-LAW Quality manager	
Manufacturing **				
Botanical Name	<i>Eurycoma longifolia</i>			
Part used	Roots			
Approx. Ratio Plant : Extract	100/1			
Extraction solvent	Ethanol (max. 30%) / Water (min. 70%)			
Additives / Carrier	None			
Batch number	O-1305210-161029	Manufacture Date	2016-10	
		Best Before Date	2018-10	
Properties	Specifications		Results **	
Organoleptic				
Appearance	Fine brownish yellow powder		Complies	
Odor & taste	Characteristic		Complies	
Physical and Chemical **				
Loss on drying	≤ 10%	4,12%		
Total ashes	≤ 10%	3,56%		
Bulk density	ND	-		
Particle size	≥ 90% pass thr# 80 mesh	Complies		
Assay **				
ND	ND	-		
Microbiological * / **				
Total Plate Count	≤ 10 000 CFU/g***	Complies		
Yeast and Mould	≤ 100 CFU/g***	Complies		
Enterobacteria	≤ 100 CFU/g	Complies		
<i>Escherichia coli</i>	Absence (1g)	Complies		
<i>Salmonella</i> spp	Absence (25g)	Complies		
Contaminants * / **				
Cadmium	≤ 1 ppm	Complies		
Lead	≤ 3 ppm	Complies		
	≤ 0.1 ppm	Complies		
	≤ 1 ppm	Complies		
Shelf Life	2 years			
Allergens **	Certified in compliance with Regulation 1169/2011/EC			
Ionisation **	Certified in compliance with Regulation 1999/2/CE & 1999/3/EC.			
TSE/BSE **	Certified in compliance with Regulation 999/2001/EC			
Nanomaterials **	Certified in compliance with Decree 2012/232 & Decree dated August 6th, 2012			
GMO **	Certified in compliance with Regulation 1829/2003/EC & 1830/2003/EC			

*According to a control plan

ANALYSIS REPORT VZ-16070352-1

Submitter code : 101605

Order number :

Quote :

Vezein, le 26/07/2016

Solbia
Avenue industrielle 4-6

1227 CAROUGE
SUISSE

SAMPLE NUMBER : 16070352

Received on : 11/07/2016

Name : Tongkat Ali (LJ100A)

Brand :

Batch : D09864

Identifying Supplier :

Manufacturing date :

Ref. of the formula/raw material:

Best before end : 31/05/2018

Storage conditions : Room temperature

Packaging : Plastic pillbox

MICROBIOLOGICAL RESULTS

Analyses(Methods)	Results	Reference values	Unit
Research salmonella^{STA} <i>(European Pharmacopoeia)</i> Date of analysis :19/07/2016 Recherche de salmonelle / Research salmonella	Absence	Absence	/25 g
DGTA Total aerobic microbial 30°C count^{STA} <i>(European Pharmacopoeia)</i> Date of analysis :19/07/2016 DGTA Dénombrement de flore aérobie 30°C / DGTA Total aerobic microbial 30°C count	< 1 000	< 50 000	/g
DMLT Total yeast and molds count^{STA} <i>(European pharmacopoeia)</i> Date of analysis :19/07/2016 DMLT Dénombrement de levures et de moisissures	50	< 500	/g
gram - resistant to bile salt^{STA} <i>(European pharmacopoeia)</i> Date of analysis :19/07/2016 Bactéries gram - résistantes aux sels biliaires / Bacteries gram -resistant to biles salts	< 100	< 500	/g
Escherichia coli count^{STA} <i>(European pharmacopoeia)</i> Date of analysis :19/07/2016 Dénombrement Escherichia coli	Absence	Absence	/g

Comments :

Au vu des critères mentionnés, la qualité microbiologique est : SATISFAISANTE

^{STA}: Contracted out analysis in Qualtech-Agrobio-Abioc's network.