

## Certificate of Analysis: Mucuna Pruriens (MP100C)

CERTIFICATE OF ANALYSIS		
MUCUNA PRURIENS DRY EXTRACT – 50%	Self life: 2 years	
Part Used:	Seed	
Batch No.:	MUCP -049/16-17	
Mfg. Date:	JUNE 2016	
Retest Date:	MAY 2018	
PROTOCOL	SPECIFICATION	RESULT
PHYSICAL & CHEMICAL ANALYSIS		
Description	Free Flowing Powder	Complies
Color	Brown Colored	Complies
Odor	Characteristic	Complies
Taste	Characteristic	Complies
Bulk Density (Untapped)	NMT 0.6 Gm / cc	0.47 gm / cc
Loss on drying	NMT 6.0%	4.30%
Particle Size	40 #	Complies
pH of 1 % Suspension	3 - 5 (of 1% w/v suspension)	3.79
Solubility in Water	NLT 80 %	Complies
Solubility in 50% Alcohol	NLT 70.0%	Complies
IDENTIFICATION		
Identifiable Active Ingredient	Presence of L-dopa	+Ve
ASSAY		
L-dopa (By Titration )	NLT 50.0%	51.75%
MICROBIOLOGICAL		
Total Plate count	NMT 2000 cfu per g	Complies
Yeast & Mould	NMT 20 cfu per g	Complies
Salmonella & E.coli	Absent	Negative
HEAVY METALS		
Heavy Metals Content	NMT 20 PPM	Complies

Remarks : The product COMPLIES with the above said specifications

  
Lab Chemist

  
Manager QC

### ANALYSIS REPORT VZ-16080556-1

Submitter code : 101605  
Order number : Letter from the 29/8/2016  
Quote : -

Vezein, le 13/09/2016

**SOLBIA**  
**Avenue industrielle 4-6**  
  
**1227 CAROUGE**  
**SUISSE**

**SAMPLE NUMBER : 16080556**

**Received on : 31/08/2016**

Name : Mucuna Pruriens 200 mg  
Brand : -  
Batch : D10106  
Identifying Supplier : -  
Manufacturing date :

Ref. of the formula/raw material: -  
Best before end :  
Storage conditions : Room temperature  
Packaging : Plastic bottle

### MICROBIOLOGICAL RESULTS

Analyses(Methods)	Results	Reference values	Unit
<b>Research salmonella<sup>STA</sup></b> <span style="float: right;"><i>(European Pharmacopoeia)</i></span> <small>Date of analysis :02/09/2016</small>			
Recherche de salmonelle / Research salmonella	Absence	Absence	/25 g
<b>DGTA Total aerobic microbial 30°C count<sup>STA</sup></b> <span style="float: right;"><i>(European Pharmacopoeia)</i></span> <small>Date of analysis :02/09/2016</small>			
DGTA Dénombrement de flore aérobie 30°C / DGTA Total aerobic microbial 30°C count	< 1 000	< 50 000	/g
<b>DMLT Total yeast and molds count<sup>STA</sup></b> <span style="float: right;"><i>(European pharmacopoeia)</i></span> <small>Date of analysis :02/09/2016</small>			
DMLT Dénombrement de levures et de moisissures	< 10	< 500	/g
<b>gram - resistant to bile salt <sup>STA</sup></b> <span style="float: right;"><i>(European pharmacopoeia)</i></span> <small>Date of analysis :02/09/2016</small>			
Bactéries gram - résistantes aux sels biliaires / Bacteries gram -resistant to biles salts	< 100	< 100	/g
<b>Escherichia coli count<sup>STA</sup></b> <span style="float: right;"><i>(European pharmacopoeia)</i></span> <small>Date of analysis :02/09/2016</small>			
Dénombrement Escherichia coli	Absence	Absence	/g