



Specification Sheet

Date: 10/01/2009

PRODUCT: New-Onion® Nutraceutical Onion Powder	PRODUCT CODE #: NU01P
PLANT SPECIES: <i>Allium Cepa</i>	Technical Administrator: Yang Xian
Part used: Bulb	Yang Xian
SOURCE/partner: Harmoni Zhengzhou International, Henan, China	HARVEST TIME: June/July
Complies with all current USP/NF	

Item	Specification	Method of Analysis
Appearance:	White to light tan powder	Visual
Identity :	spectrum must match garlic powder IR reference	Botanical ID, chain of custody, Organoleptic,FT-IR
<u>Active Ingredients</u>	<u>Specification</u>	<u>Method of Analysis</u>
Iso-Alliin	TBD	HPLC, method#1451
<u>Pesticide Evaluation</u>		
Organophosphorus Insecticides		
Diechlorvos	ND	GC-MS,USP31,NF26
Fonofos	“	
Diazanon		
Parathion-methyl		
Chlorpyrifos-mythyl	“	
Pirimiphos-mythyl		
Malathion		
Parathion		
Chlorpyrifos	«	
Methidathion		
Ethion		
Carbophenothion		
Azinphos-methyl		
Phosalone		
Organochlorine & Pyrethroid Insecticides	ND	
<i>alfar</i> -Hexachlorocyclohexane	“	
Hexachlorobenzene		
<i>bata</i> -Haxachlorocyclohexane		
Lindane		
<i>gamma</i> -Haxachlorocyclohexan		
Heptachlor		
Aldrin		
Heptachlor epoxide	ND	



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<u>Pesticide Evaluation</u>		
<i>o' p'</i> -DDE	ND	GC-MS,USP31,NF26
alfar-Endosulfan		
Dieldrin		
<i>p' p'</i> -DDE		
Endrin		
Endosulfan		
<i>o' p'</i> -DDT		
Carbophenothion		
Organochlorine & Pyrethroid	“	
Insecticides		
<i>p' p'</i> -DDT		
Permethrin		
<i>Trans</i> -Permethrin		
Cypermethrin		
Fenvalerate		
Deltamathrin		
<u>Heavy metals</u>	<5mg/kg	USP method 231
Arsenic	<0.50mg/kg	
Cadmium	<0.50mg/kg	
Copper	<0.50mg/kg	
Lead	<0.50mg/kg	
Mercury	<0.50mg/kg	
Zinc	<0.50mg/kg	
<u>Bulk Density</u>	0.6-0.80 g/ml or cc	
<u>Moisture</u>	7.0% max	A.D.O.G.A..
<u>Granulation/Mesh</u>		
% on US #35	0% max	A.D.O.G.A.
% on US #45	1% max	A.D.O.G.A.
% on US # 80	15% max	A.D.O.G.A.
% thru US #100	50% max	A.D.O.G.A.
<u>Microbiological* guaranteed at time of delivery only</u>		
Total plate Count	<100,000 cfu/g (Same as USP method)	AOAC 966.23
Yeast and Mold	<300 /g	FDA-BAM 7 th ed.
Coliforms	<40 /g	AOAC 966.23
E.Coli	negative	AOAC 966.23
Pseudomonas	negative	AOAC /BAM
Salmonella	negative	AOAC /BAM
Staph Aureus	negative	AOAC /BAM

Actives Testing : Each batch is tested for Allicin potential, *all other actives results are by input
Ingredients: 100% onions: red, shallots, purple & white, no chemicals or additives , NO ETO
 Treatment, and/or irradiation.

Storage Conditions & shelf life:

Store in a cool, dry place, do not freeze. Shelf life is 2 yrs.

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