



Specification Sheet

Revised 09/26/2016

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PRODUCT: New-Gar® Standardized & Deodorized 10000 Allicin granulated garlic (U)
PRODUCT CODE No.: NG10000G **TECHNICAL DIRECTOR:** Mary Gabriel
PLANT SPECIES: *Allium sativum* *Mary Gabriel*
PART USED: Bulb **Complies with all current USP/NF**
SOURCE/PARTNER: Zhengzhou Harmoni spice CO. Ltd, Zhengzhou City, Henan, China
HARVEST TIME: June/July

Item	Specification	Method of Analysis
Appearance:	White to light tan granules	Visual
Identity :	spectrum must match garlic granules	HPTLC IR reference USP36/NF31
Taste /Odor :	Characteristic w/slight reduction	
Active Ingredients	Specification	Method of Analysis
Allicin Potential	Min. 10,000 ppm	C-18 HPLC/ALC118A
Alliin *	25,000 ppm	C-18 HPLC/ALC118A
Total Gamma-glutamylcysteines *	24,000 ppm	C-18 HPLC/ALC118A
Total Thiosulfinates *	10,000 ppm	C-18 HPLC/ALC118A
Total Sulfur	VARIES	AOAC 990.28/ICP
Pesticides evaluation: (For full list & actual values, go to our website for a full report on new crop)		
Organophosphorus Insecticides		GC-MS,USP36,NF31
Diechlorvos	ND	Ch. 561
Fonofos	“	
Diazanon		
Parathion-methyl		
Chlorpyrifos-mythyl	“	
Pirimiphos-mythyl		
Malathion		
Parathion		
Chlorpyrifos	«	
Methidathion		
Ethion		
Carbophenothion		
Azinphos-methyl		
Phosalone		
Organochlorine & Pyrethroid Insecticides	ND	GC-MS,USP36,NF31
<i>alfar</i> -Hexachlorocyclohexane	“	Ch. 561
Hexachlorobenzene		
<i>bata</i> -Hexachlorocyclohexane		
Lindane		
<i>gamma</i> -Hexachlorocyclohexan		
Heptachlor		
Aldrin		
Heptachlor epoxide		
<i>o' p'</i> -DDE		
<i>alfar</i> -Endosulfan		
Dieldrin		
<i>p' p'</i> -DDE		

