



Tablets Specification

Revised Date: 05/30/2015

PRODUCT: New-Gar® High Potency Enteric Coated white Garlic tablets 600mg

PRODUCT CODE No.: HPECT600

Technical Director: Mary Gabriel

Mary Gabriel

Complies with all current USP/NF

Garlic source: China

Mfg Source: USA

Tablets made with high potency New-Gar® standardized & deodorized garlic granules

| Item | Specification | Method of Analysis |
|------|---------------|--------------------|
|------|---------------|--------------------|

| | | |
|---------------------------------------|-----------------------------|---------------------------|
| Appearance: | medium oblong white tablets | Visual |
| Odor & Flavor | None due to enteric coating | |
| <u>Active Ingredients(per tablet)</u> | <u>Specification</u> | <u>Method of Analysis</u> |
| Allicin potential | 6,000 ppm or mcg | C-18 HPLC |
| Alliin* | 12,00ppm | C-18 HPLC |
| Total Thiosulfinates * | 6,000 ppm | C-18 HPLC |
| Gamma-Glutamylcysteines * | 12,000 ppm | C-18 HPLC |
| Total Sulfur | varies | AOAC 990.28 |

Disintegration and dissolution :

Enteric coating remains intact for 60 min in gastric fluids, and disintegrates with an additional 60 min in the intestinal fluids. NSP 1.30 method meeting USP method 724A

Weight Variation : USP Vol23 : Target 1380 mg; Range : 1300-1390mg (97-102%)

Thickness : 0.26-0.29 inches

Hardness : 7.5 Kp

| | | | |
|-----------------------------|------------|----------|----------------|
| <u>Heavy metals (total)</u> | <5mg/kg | complies | USP method 231 |
| Arsenic | <0.50mg/kg | | ICP/MS |
| Lead | <0.20mg/kg | | |
| Mercury | <0.50mg/kg | | |

Microbiological

| | | | |
|-------------------|---------------|----------------------|-----------------------------|
| Total plate Count | <75,000 cfu/g | (Same as USP method) | AOAC 966.23 |
| Yeast and Mold | <100 /g | | FDA-BAM 7 th ed. |
| Coliforms | <20 /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 & Sulfur*all other actives results are by input

Active Ingredients: 600mg of High Allicin New-Gar® garlic

Other Ingredients: Calcium Phosphate, stearic acid, silicon dioxide, magnesium stearate, croscarmellose sodium, & enteric coating: cellulose, acetate phthalate, diethyl phthalate

pesticides & H/M meet all regulations

- New-Gar®Garlic was not sterilized neither by ETO treatment, nor by Irradiation. Dry heat sterilization. New-Gar®Garlic is Non-GMO

Storage Conditions & shelf life:

Store in a cool, dry place, do not freeze. Store below 30°C. Shelf life is 2yrs.

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