



Nutra Tab™

GRANULATED TRICALCIUM PHOSPHATE WITH GUAR GUM FOR DIRECT COMPRESSION

PROVISIONAL PRODUCT DATA SHEET- MAY 2014

FORMULA

$\text{Ca}_5(\text{OH})(\text{PO}_4)_3$ (TCP) coated
with Guar Gum (*Cyamopsis tetragonoloba* (Linne))

NOMECLATURE

Tribasic Calcium Phosphate (TCP) and Guar Gum

MOLECULAR WEIGHT

N/A

CAS NUMBERS

CAS N° [12167-74-7] (TCP) ; [9000-30-0] (GUAR GUM)

DESCRIPTION

Nutra Tab™ is a white, odorless, tasteless granulated solid made with tricalcium phosphate NF and guar gum FCC.

SPECIFICATIONS

	Limit
Assay (Ca content)	33.5 – 37.5 %
Free Moisture (L.O.D.)	Max 5.0 %
Total Aerobic Plate Count	Max 2000 CFU/g
Total Combined Yeast and Mold.....	Max 1000 CFU/g

TYPICAL PROPERTIES

pH (20 % slurry)	6.8 – 7.2
Calcium content (unignited basis).....	35 %
Phosphorus content (unignited basis).....	16.6 %
Particle size	
- on 20 mesh	1.3 %
- on 40 mesh	4.3 %
- on 100 mesh	36.9 %
- on 325 mesh (45 µm)	43.1 %
Apparent Density, tapped (g/cm ³)	0.74

APPLICATIONS

Direct compression excipient and a source of calcium and phosphorus in nutritional supplement tablet manufacture.

STORAGE CONDITIONS

Store at room temperature.

SHELF LIFE

24 months (provisional).

CONTAINERS

70 kg net weight fiberboard drums. Prod.Code:For Research Only

SAFETY INSTRUCTIONS

Please consult our Safety Data Sheet.

Regulatory

This product is protected under US Patent 7,226,620

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