



FREDERICK SALES, LLC

Products for Agri-Business

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PurePhos™

Feed Grade Monocalcium Phosphate (MCP 21%) A Source of Supplemental Calcium and Phosphorus for Animals

Specifications:

Guaranteed Analysis

Phosphorus (P) Min. 21.0%
Calcium (Ca) Min. 16.5%
Calcium (Ca) Max. 19.5%
Fluorine (F) Max. 0.21%

Typical Analysis

Phosphorus (P) 21.2%
Calcium (Ca) 18.5%
Fluorine (F) 0.17%

Relative Biological Availability (RBV)*:

RBV: 99%

* Based on 21 Day Broiler Chicken Studies using
Bone and Performance Data

* Standard = Technical Grade Calcium Phosphate
Dibasic, Dihydrate

Soluble Phosphorus*:

Neutral Ammonium Citrate (NAC): 99%
Citric Acid (2% CA): 98.3%

* Acid Solubility is Highly Correlated to RBV

Feeding Directions:

Feed According to NRC
Recommendations or Consult with a
Nutritionist.

General Properties:

Appearance: Uniform Granular, White
Bulk Density: 58-62 lb/cu ft (929-993 kg/cu m)
Moisture: 1%
Flowability: Good - 30° Angle of Repose
pH: 2.9

Particle Profile:

Screen Analysis

<u>Tyler</u>	<u>US</u>	<u>Passing</u>
12	14	100%
14	16	99%
20	20	83%
28	30	47%
35	40	21%
48	50	9%
65	70	3%
100	100	1%

Average Particle Size

Tyler 35 (US 40) Screen (425 um, 0.425 mm, 0.0167 in)

Range of Particles

70% of Particles Fall Between
Tyler 24 (US 25) and Tyler 65 (US 70) Screens

Estimated Number of Particles/Gram

70.000

Label Instructions:

“Monocalcium Phosphate” is Listed as “Generally Recognized As Safe” (GRAS) by the Food and Drug Administration (FDA). When Using “Monocalcium Phosphate” in Animal Feeds Insert the Ingredient Name into the “Ingredient Statement” of the Feed Label as Outlined in the “Feed Labeling Guide” Section of the “Association of American Feed Control Officials” (AAFCO) Publication.