



Hubercarb® Q5-20 - FSMA

CALCIUM CARBONATE

DESCRIPTION

Hubercarb Q FSMA grade calcium carbonate products provide a cost-effective source of calcium when needed to supplement animal feed formulations. They are produced at our Quincy, IL facility from local ore which is known for its natural uniformity and purity. These products meet all relevant requirements of the Food Safety Modernization Act.

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TYPICAL PHYSICAL PROPERTIES

Median Particle Size (μ)
Moisture (% , ASTM D280)
Loose Bulk Density (lb/ft³ , ASTM C110)
Compacted Bulk Density (lb/ft³ , ASTM C110)
Acid Solubility (% in HCl)

Q5-20-FSMA

2250
0.1
88
98
98.5 - 99

PARTICLE SIZE (SCREEN) ANALYSIS

Mesh size

+6
-20

%
6
2

GUARANTEED CHEMICAL ANALYSIS

Calcium assay, min. %
Calcium assay, max. %

%
38
39

MINERAL PROPERTIES

Alkalinity (as NaOH, ASTM D1208)
pH (ASTM D1208)
Hardness (Hand. Of Chem. & Phy)
Solubility (Hand. Of Chem. & Phy)
Particle Shape (Microscope)
Specific Gravity (ASTM D153)
Weight per Gallon (s.g. x 8.345)

Quincy, Illinois
0.4 mg/gm
9.4 (saturated solution)
3 Mohs, relatively non-abrasive
0.0035 gm/100 mL H₂O at 100°C
Irregular, uniaxial
2.7
22.6 lbs/solid gallon

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