



Technical Data Sheet

Pana-Cal Grit

Product Description: Pana-Cal Grit provides calcium which is an essential mineral ingredient for healthy animals providing for proper development of the skeletal system, regulating the heartbeat, muscle contraction, blood clotting and nerve impulses, egg production and quality, pregnancy and lactating cows milk production. Pana-Cal Grit can also be used as a Silica Sand Replacement.

Physical Properties:

Specific Gravity	2.74
pH Value	7.58
Dry Brightness (Hunter Y, Rd Value)	84.46
Color	496

Chemical Composition:

Calcium Carbonate	Ca(CO) ₃	>97 %
Magnesium Carbonate	Mg(CO) ₃	1.46 %
Iron Oxide	Fe ₂ O ₃	0.14 %
Silica Dioxide	SiO ₂	1.37 %

Wet Sieve Analysis:

Sieve Series	% Retained	% Retained Cumulative
10	10.52	10.52
12	22.28	32.80
14	32.23	65.04
16	10.66	75.69
20	9.16	84.85
40	8.63	93.48
60	3.30	96.78
100	1.63	98.41
140	0.79	99.20
Pan	0.80	100

Available Packaging:

Bulk, super sack, or 50 lb. sacks FOB Oxnard, CA. DMI can also provide on-site storage

For more information see the SDS. For the chemical analysis of limestone, ASTM test methods C 25 (classical methods), C 1301 (atomic absorption), and C 1271 (x-ray emission) all measure the concentration of elements. In reporting the results, each test method assumes that the elements in the limestone are present as specific mineralogical oxides and carbonates. For some materials, these mineralogical assumptions may not be applicable and the sum of the compounds may be less than or greater than a theoretical
