



Unilong Industry Co., Ltd

Add: No.2000 Shunhua Rd, High-Tech Zone , Jinan City, Shandong Province, China

Technical Data Sheet

Product Name: D-Glucosamine sulfate

CAS:29031-19-4

Specification:

Item	RESULT
Description	White Crystalline Powder
Identification	(1) IR Absorption (2) Chloride, Potassium, Sulfate test (3) HPLC
Specific Rotation(25°C)	+50.00° ~+52.00°
Residue on Ignition	27.00~29.00%
Organic Volatile Impurities	Meet requirement
Loss on Drying	≤0.5%
PH(2%,25°C)	3.00~5.00
Sodium	Meet requirement
Heavy Metal	≤10ppm
Arsenic	≤0.5ppm
Chromium	≤1ppm
Chloride	11.1%-12.3%
Potassium	11.8%-12.5%
Mesh Size	Pass through 80MESH



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Sulfate	15.5%~16.5%
Assay	98.50~102.00%
Bulk density	0.45-1.15g/ml
Tapped density	0.55-1.25g/ml

Packaging:

25kg/bag or pack as customer requirements.

Application:

In industry, bentonite is mainly used as thickener and anti sedimentation agent for coatings and inks.

(1) Using bentonite as binder to make iron pellets and directly put it into blast furnace for smelting instead of sintering method, the flux and coke can be saved by 10% - 15% respectively, and the production capacity of blast furnace can be increased by 40% - 50%.

(2) The drilling mud prepared with sodium base bentonite has many advantages, such as high mud making rate and so on. It is suitable for oil drilling, high-pressure jet well, small diameter drilling and unstable formation drilling.

(3) Using sodium bentonite as the binder of molding sand can strengthen the sand resistance of molding sand and solve the problem that molding sand is prone to collapse.

(4) . In the past ten years, many new uses of bentonite have been developed.

Shelf Life:

1 years in original packaging containers.