

Xiamen Ditai Chemicals Co., Ltd.

8Fl., Hongsheng Building, West Hexiang Road, Xiamen, China

Tel: 86-592-2680883 Fax: 86-592-2680880 Email: xmditainiki@163.com

Sodium Nitrate Crystals CAS 7631-99-4

Sodium Nitrate Crystals Product Description

Sodium Nitrate Crystals

Purity:99.3%min

CAS No.:CAS 7631-99-4

Molecular Fomula: NaNO_3

Appearance:White fine crystal

Grade Standard:Tech grade



Sodium Nitrate Crystals Specifications

ITEM	Index			
	Best quality	First quality	Qualified quality	result
Content of sodium nitrate (calculated by dry base) %	≥ 99.7	≥ 99.3	≥ 98.5	99.3
Content of sodium nitrite (calculated by dry base) %	≤ 0.01	≤ 0.02	≤ 0.15	0.044
Content of chloride(NaCl) (calculated by dry base) %	≤ 0.25	≤ 0.30	—	0.5
Content of insolubles in water (calculated by dry base) %	≤ 0.03	≤ 0.06	—	0.018
Content of carbonate (calculated by dry base) %				0.058
Moisture %	≤ 1.0	≤ 1.5	≤ 2.0	1.0
Content of iron (Fe) %	0.005			
Appearance of product	White fine crystal			
Package and Trade mark	By woven plastic bag out , and white plastic bag inner			

Sodium Nitrate Crystals Application

Sodium nitrate is used as an ingredient in fertilizers, pyrotechnics, as a food preservative, and as a solid rocket propellant, as well as in glass and pottery enamels; the compound has been mined extensively for those purposes. Sodium nitrate is also synthesized industrially by neutralizing nitric acid with soda ash.

