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Potassium Nitrate Fertilizer CAS 7757-79-1

Potassium Nitrate Fertilizer Product Description

Potassium Nitrate Fertilizer

CAS No.:7757-79-1

Molecular Formula:KNO₃

EINECS No.:231-818-8

Appearance:Powder or granular

Application:Fertilizer

Classification:Nitrate



Potassium Nitrate Fertilizer Specifications

ITEM	SPECIFICATION	TEST RESULTS
Purity	99.4% MIN	99.6%
Nitrogen	13.5% MIN	13.6%
Potassium oxide	46% MIN	46%
Moisture	0.10% MAX	0.09%
Chloride(as C1)	0.01-0.03 MAX	0.015
Sulphate(as SO4)	0.01% MAX	0.009%
Insoluble matter in	0.01% MAX	0.009%
Fe	0.003% MAX	0.002%
Hygroscopicity	0.25% MAX	0.24%

Potassium Nitrate Fertilizer Application

Potassium Nitrate is mainly applied in TV glass, glass refining agent and motor light glass; compound fertilizer and foliar spray fertilizer; fireworks and black powder; drugs and catalyzer; ceramic and enamel; salt bath of heat treatment, cigarette pater, concentrating agent; conservatives and chromogen in Food industry, etc.

