

Potassium

NITRATE POWDER

Quick FACTS

- ✓ Product : Potassium Nitrate Powder
- ✓ Color : White Powder
- ✓ Stock No : NS6130-12-000937
- ✓ CAS : 7747-79-1
- ✓ Purity : 99.9%
- ✓ APS : 40-60µm
- ✓ Other Metal : 850ppm

Potassium nitrate is a chemical compound with the chemical formula KNO_3 . It is an ionic salt of potassium ions K^+ and nitrate ions NO_3^- , and is therefore an alkali metal nitrate. Potassium nitrate is soluble in hot water. This compound releases oxygen when heated or decomposed. It is a strong oxidizing agent. It is widely used in the removal of the stump, fireworks, fertilizers, etc. It is a major constituent of black powder and food preservation techniques.



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ISO: 13485:2016/20ZICE4588M
CE: 20ZICE4589C

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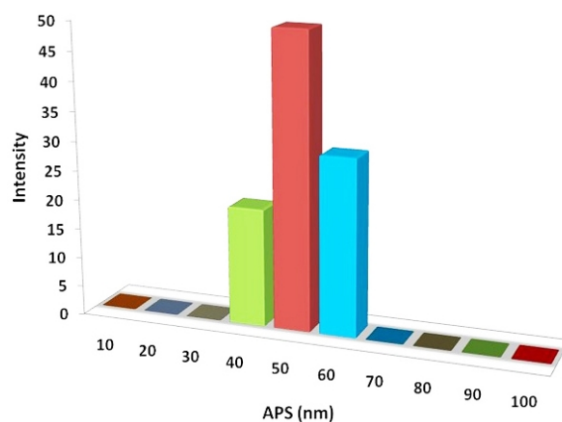
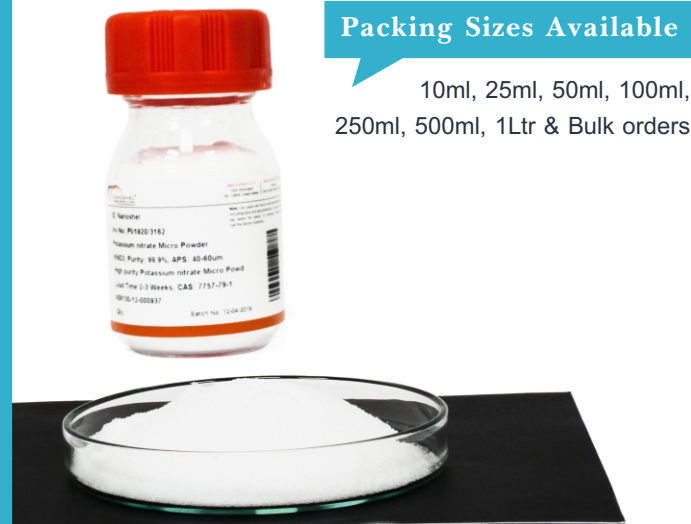
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Applications

- ✓ It is used extensively used in the preservation of hides
- ✓ It has medicinal applications such as a diuretic in medicine
- ✓ Used in toothpaste to make the teeth less sensitive to pain
- ✓ Used in the food industry to preserve meat against microbial agents
- ✓ It is used as gunpowder in explosives such as bombs, grenades, etc.



Technical SPECIFICATION

Molecular Formula	Molecular Weight	Density	Melting Point
KNO ₃	101.1032 g/mol	2.109g/cm ³	334 °C

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