Potassium nitrate
Plant Cell Culture Tested

Product Number  P 8291
Store at Room Temperature

Product Description
Molecular Formula:  KNO₃
Molecular Weight:  101.1
CAS Number:  7757-79-1
Melting Point:  333 °C
Synonym:  saltpeter

This product is plant cell culture tested (0.5 mg/ml) and is suitable for use in plant cell culture applications.

Potassium nitrate is used in industrial applications, including the manufacture of glass, matches, and fluxes, and for the tempering of steel. It is also commonly used in dental research. Potassium nitrate is a source of nitrate in studies of plant and bacterial growth.

Potassium nitrate has been used in the ion chromatography of transition and heavy metal ions. It has also been utilized in the synthesis of thiophenecarboxamides.

Precautions and Disclaimer
For Laboratory Use Only.  Not for drug, household or other uses.

Preparation Instructions
This product is soluble in water (133 mg/ml), yielding a clear, colorless solution.

References
1. The Merck Index, 12th ed., Entry# 7815.