

### Potassium Nitrate, Plant Culture Tested

**Product Code: PCT1010**

#### Product Information

Product Code	: PCT1010
Product Name	: Potassium nitrate, Plant Culture Tested
Molecular Formula	: $\text{KNO}_3$
Molecular Weight	: 101.10
CAS No.	: 7757-79-1

#### Technical Specification

Appearance	: White to off-white crystals or crystalline powder.
Solubility	: Soluble of water
pH (5% in water at 25°C)	: 4.5 - 8.5
Cultural response	: Cultures conditions - Incubation period (5wks), Relative humidity (60±2%), Temperature (25±2°C), Photoperiod Day: Night in hours (16:8)
Shoot culture	: No structural deformity observed, actively growing shoots, no toxicity to shoots
Callus culture	: No necrotic tissues, actively growing callus, no toxicity to callus
Chloride (Cl)	: <= 0.002%
Iron (Fe)	: <= 0.001%
Sulfate (SO <sub>4</sub> )	: <= 0.005%
Minimum assay (Cation-exchange Titration)	: 99.00 %

#### GHS Safety Information

Hazard Statement(s)	: H272
Precautionary Statement(s)	: P220
Signal Word	: Warning
Hazard Pictogram(s)	

GHS03

#### Risk And Safety Information

R-Phrase(s)	: 8
WGK	: 1
RTECS	: TT3700000
Storage Temperature(°C)	: Store below 30°C

#### Transport Information

UN No.	: 1486
Class	: 5.1
Packaging Group	: 3
EMS Code	: F-A, S-Q
Marine Pollutant	: No
ADR/RID	: 1486 5.1/PG 3
IMDG	: 1486 5.1/PG 3
IATA	: 1486 5.1/PG 3



Plant Culture  
Tested



## Product Specification

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### Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
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- Do not use the products if it fails to meet specifications for identity and performance parameters.