

## POTASSIUM NITRATE FOR MOLECULAR BIOLOGY

<b>PRODUCT CODE</b>	<b>972350</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>7757-79-1</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>KNO<sub>3</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>101.10</b>
<b>PROPERTIES</b>	<b>Store below 30<sup>0</sup>C</b>



<b>PARAMETER</b>	<b>LIMIT</b>
Description	White to off-white crystals or crystalline powder.
Solubility	Soluble in water.
Minimum assay (Cation-exchange Titration)	99.00%
pH (5% in water at 25°C)	4.5-8.5
DNase, RNase	None detected

**Note(s): Assay (if applicable) method mentioned.**

**DANGER**

**Hazard statements:** May cause respiratory irritation. May intensify fire; oxidizer. May be harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation.

**Precautionary statements**

**Prevention:** Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat.

**Response:** If skin irritation occurs, seek medical advice/attention. Wear eye/face protection. If eye irritation persists, get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Disposal:** The quantities greater than 10g should be dissolved in dilute acid and transferred to heavy metal waste drum for collection by specialist disposal company.

IMDG Code : 5.1 / III  
 4UN No. : 1486  
 IATA : 5.1

Hazard Pictogram(s) :-



GHS03