

# Mineral

## What Is MKP ?

**Mono Potassium Phosphate or MKP, an important and reliable source of inorganic phosphate and potassium, which is water soluble, in crystal form, essential component for all kinds of living beings.**

## Source

### How is MKP Produced ?



**Phosphorus from the sedimentary deposits in the Negev desert**



**Natural potassium extracted from the dead sea**

**MKP is produced from two natural resources in the South of Israel**



**Nice Garden Industrial Co., Ltd.**

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## Benefits

- ❁ **100% nutrients, provide P & K at high concentration**
- ❁ **High bio-availability**
- ❁ **Fast and Full solubility**
- ❁ **Easy mixing and even dispersing in feed**
- ❁ **Guaranteed quality**
- ❁ **Free of impurity and residue**
- ❁ **Easy handling, not hygroscopic**
- ❁ **Reliable and safe, free of heavy metals**
- ❁ **Stable and consistent supply**



## Specification



<b>P<sub>2</sub>O<sub>5</sub></b>	<b>51.5% min</b>
<b>K<sub>2</sub>O</b>	<b>34.0% min</b>
<b>Cd</b>	<b>1 ppm max</b>
<b>As</b>	<b>1 ppm max</b>
<b>Heavy Metal (As Pb)</b>	<b>10 ppm max</b>
<b>Bulk Density</b>	<b>approx. 1.3 gm/cc</b>
<b>Solubility 20°C</b>	<b>23 gm MKP/100 gm water</b>
<b>40°C</b>	<b>34 gm MKP/100 gm water</b>
<b>pH (1% solution)</b>	<b>4.5±0.3</b>
<b>Moisture Content</b>	<b>0.5% max</b>

**Crystal Form, Fully Soluble**



**Water proof, well packed in Pallets**

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