



Specifications for Dipotassium Phosphate (DKP)

Parameter	Value
Molecular Formula	K ₂ HPO ₄ 3H ₂ O
Mol Wt	228.23
CAS #	[7758-11-4]
Description	White Crystals
Purity (%)	98 min
P ₂ O ₅ (%)	30 min
Water insolubles (%)	Report
Iron in ppm	Report
Arsenic (%)	Report
Fluoride as F ⁻ (%)	Report
Moisture (%)	3 max
pH of 1% solution	8.8 – 9.2

Uses

Industry	Application
Fertilizer	As an important source of potassium, an essential soil nutrient
Food	As food additive as in coffee creamers and low sodium cheese ; as nutrient in various edible powders
Process and Manufacturing	As a buffering agent
Pharma	As nutrient in antibiotics and as buffering agent
Detergent	As dispersion medium in liquid detergents
Paper	As an additive