

Potassium Sulfate Stock Solution

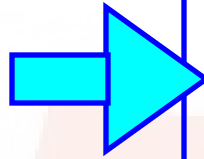
HydroBuddy v1.50 - Programmed and Designed by Daniel Fernandez at <http://scienceinhydroponics.com>



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Substance Name	Formula	Mass (g) [Edit to fine-tune]	Preparation Cost
CHN Yara/SQM Potassium Sulfate UltrSol	0-0-52 with 18% Sulfur	181.21	0.3

0.4 pounds per gallon



**ADJUSTABLE
NUTRIENT
INJECTION
SYSTEM**

Element	Result (ppm)	Gross Error	Instrumental Error
N (NO3-)	0		
K	20663.448		
P	0		
Mg	0		
Ca	0		
S	8616.711		
Fe	0		
Zn	0		
B	0		
Cu	0		
Mo	0		
Na	0		
Si	0		
Cl	349.456		
Mn	0		
N (NH4+)	0		

Total Cost is 0.3

Values calculated for the preparation of 1 gallons

K₂O: 2.5% w/v 2.5% w/w
SO₄: 0.86% w/v 0.88% w/w

1.03
g/mL
8.59
lbs./gal

Predicted EC Value

EC=53.6 mS/cm

Stock Solution Analysis

Nutrient Ratio Analysis

Detailed Per Substance Contribution Analysis

Export To Csv

INJECTOR SETTING - WORKING SOLUTION PPM
0.68% (1:148) - 140 PPM K & 58.6 PPM S
0.34% (1:294) - 70 PPM K & 29 PPM S
0.17% (1:587) - 35 PPM K & 15 PPM S

50 gallons of this concentrate will make:
 7,400 gallons of working solution @ 140 ppm K
 14,700 gallons @ 70 ppm K
 29,350 gallons @ 35 ppm K



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