

StockOptions Salt - 10 ml, tube format - 10 ml

Crystallization grade salt reagent stock solutions for screen formulation and optimization

Product codes:

Reference: HR 2245

Product gallery:



Product description:

- Preformulated and sterile filtered
- Easy transition from screening to optimization
- Synergistic with Hampton Research screens, kits, & reagents
- 49 unique salts, including organic acids
- Highly concentrated, ready to dilute

StockOptions reagent kits are reagent tool boxes for the macromolecular crystal grower. They offer precisely formulated, high quality crystallization grade reagent stocks in convenient, cost-effective kits. The chemicals utilized in these kits are the same crystallization grade, ultra-high purity chemicals utilized in the Hampton Research kits such as Crystal Screen and Crystal Screen 2. StockOptions reagents are carefully formulated under strict quality standards to ensure reliable performance and lot-to-lot consistency.

Each reagent in a StockOptions kit is available in convenient concentration, making crystal setups quick and easy. Gone is the tedious task of finding and sourcing reagents, as well as costly and time-consuming reagent formulation.

Preformulated reagents also reduce the activation energy between the discovery of preliminary screen conditions and the task of setting experiments for optimization. The generation of custom screens or optimized conditions now simply involves pipetting StockOptions reagents from convenient kits.

StockOptions Salt contains 49 unique salts, preformulated at convenient stock concentrations, each in 10 ml volumes. It is designed to help researchers improve the speed, accuracy, precision, and quality of the formulation of crystallization optimization solutions. Researchers can use the individual StockOptions reagents to formulate custom screen solutions or accurately reproduce standard screen solutions from Hampton Research crystallization kits. All one needs to do is select the reagent and pipet.

A unique feature of StockOptions Salt is that it allows the researcher to access 49 preformulated salt solutions in a single kit in a 5 x 9 inch footprint that saves precious lab storage space. The reagents in StockOptions Salt are synergistic with the Hampton Research Optimize reagents, so when larger volumes of a salt are needed, or replacement solution is required, researchers can obtain the reagent from the Optimize line.

The convenience also reduces the chance of errors. Preformulated stocks remove calculation, measurement, and formulation errors. No more second guessing how the reagent was formulated, what specific chemical was used, when it was made, or how to precisely reproduce that reagent when it is gone and more reagent is required for additional setups.

StockOptions are cost-effective, time saving reagents. When a StockOptions kit is purchased, one is using reagents as preformulated stocks in reasonable volumes. You buy only the reagents you need, not a large container of raw material that may sit out on shelves for years to come. Waste is further reduced since there is no chance for formulation or measuring errors. When you need larger volumes, Hampton Research offers individual, preformulated, sterile filtered Optimize crystallization reagents which include salts, polymers, organics solvents, and buffers. Each of the 49 salts offered in StockOptions Salt is available individually as an Optimize, crystallization grade reagent. Optimize, Custom Shop, StockOptions, and all Hampton Research kits are synergistic research tools.

StockOptions kits also lower the costs associated with making crystallization reagents since there is no need to purchase sterile filters, filtration devices, or pre-sterilized storage containers. Cost savings are also extended to labor since time can now be better utilized for sample production and purification or setting crystallization experiments.

1.0 M Ammonium acetate
5.0 M Ammonium chloride
2.5 M Ammonium phosphate monobasic
10.0 M Ammonium fluoride
10.0 M Ammonium formate
2.5 M Ammonium citrate dibasic
3.5 M Ammonium phosphate dibasic
10.0 M Ammonium nitrate
3.5 M Ammonium sulfate
2.0 M Ammonium tartrate dibasic
1.0 M Calcium acetate hydrate
2.0 M Calcium chloride dihydrate

5.0 M Lithium acetate dihydrate
10.0 M Lithium chloride
1.5 M Lithium citrate tribasic tetrahydrate
8.0 M Lithium nitrate
2.0 M Lithium sulfate monohydrate
1.0 M Magnesium acetate tetrahydrate
2.0 M Magnesium chloride hexahydrate
1.0 M Magnesium formate dihydrate
3.0 M Magnesium nitrate hexahydrate
2.5 M Magnesium sulfate hydrate
4.0 M Nickel(II) chloride hexahydrate
5.0 M Potassium acetate
4.0 M Potassium chloride
2.5 M Potassium citrate tribasic monohydrate
1.5 M Potassium phosphate monobasic
6.0 M Potassium fluoride
14.0 M Potassium formate
3.0 M Potassium phosphate dibasic
2.0 M Potassium nitrate
1.5 M Potassium sodium tartrate tetrahydrate
0.5 M Potassium sulfate
8.0 M Potassium thiocyanate
3.0 M Sodium acetate trihydrate
5.0 M Sodium chloride
1.6 M Sodium citrate tribasic dihydrate
5.0 M Sodium phosphate monobasic
0.8 M Sodium fluoride
7.0 M Sodium formate
1.0 M Sodium phosphate dibasic dihydrate
3.4 M Sodium malonate pH 7.0
7.0 M Sodium nitrate
1.0 M Sodium sulfate decahydrate
1.5 M Sodium tartrate dibasic dihydrate
8.0 M Sodium thiocyanate
1.2 M Succinic acid pH 7.0
1.0 M Zinc acetate dihydrate
2.0 M Zinc sulfate heptahydrate

Per maggiori informazioni visita il sito <https://hamptonresearch.com/>

Product features:

CRF - TIPO: StockOptions Salt