

JBScreen Plus comprises 5 kits, including kosmotropic and chaotropic additives, salts, volatile and non-volatile organics and other compounds. Each kit contains 24 different additives, supplied in ready-made aliquots (100 µl each, except the JBScreen Plus Volatiles kit, containing 1 ml each). The active ingredients are dissolved in purified water, pre-formulated at ten times the recommended final concentration and are sterile filtered. All solutions come in tightly closing glass vials that will keep them fresh and sterile.

(1) JBScreen Plus ♦ Kosmotropic

- Zwitterions
- Polyalcohols
- Kosmotropic Cations
- Kosmotropic Anions

(2) JBScreen Plus ♦ Chaotropic

- Non-ionic's
- Chaotropic Cations
- Chaotropic Anions

(3) JBScreen Plus ♦ Salts

- Lithium Salts
- Ammonium Salts
- Sulfates
- Multivalent Cations

(4) JBScreen Plus ♦ Additives

- Linker Molecules and Polyamines
- Organic Hydrophilic Polymers
- Carbohydrates
- Other compounds

(5) JBScreen Plus ♦ Volatiles

- Small Alcohols
- Non-ionic Chaotropes
- Organic Volatiles

Number	Compound	Classification
A 1	1.0 M Lithium Citrate	Lithium Salt
A 2	2.0 M Lithium Acetate	Lithium Salt
A 3	2.0 M Lithium Bromide	Lithium Salt
A 4	2.0 M Lithium Salicylate	Lithium Salt
A 5	2.0 M Lithium Nitrate	Lithium Salt
A 6	2.0 M Lithium Perchlorate	Lithium Salt
B 1	2.0 M Ammonium Fluoride	Ammonium Salt
B 2	2.0 M Ammonium Chloride	Ammonium Salt
B 3	2.0 M Ammonium Bromide	Ammonium Salt
B 4	2.0 M Ammonium Nitrate	Ammonium Salt
B 5	2.0 M Ammonium Thiocyanate	Ammonium Salt
B 6	2.0 M Ammonium Trifluoroacetate	Ammonium Salt
C 1	2.0 M Ammonium Tartrate dibasic	Ammonium Salt
C 2	0.7 M Potassium Sulfate	Sulfate
C 3	2.0 M Sodium Sulfate	Sulfate
C 4	2.0 M Lithium Sulfate	Sulfate
C 5	2.0 M Magnesium Sulfate	Sulfate
C 6	1.0 M Beryllium Sulfate	Sulfate
D 1	0.1 M Barium Chloride	Multivalent Cation
D 2	0.1 M Strontium Chloride	Multivalent Cation
D 3	0.1 M Cadmium Chloride	Multivalent Cation
D 4	0.1 M Cobalt (II) Chloride	Multivalent Cation
D 5	0.1 M Copper (II) Chloride	Multivalent Cation
D 6	0.1 M Yttrium (III) Chloride	Multivalent Cation

Storage: 4 °C

For usage see the **JBScreen Plus** manual.