

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 Trimethylamine N-oxide	Zwitterion
A 2	1.0 M Proline	Zwitterion
A 3	0.1 M Ectoine	Zwitterion
A 4	1.0 M Glycine	Zwitterion
A 5	0.1 M Betaine monohydrate	Zwitterion
A 6	0.1 M Taurine	Zwitterion
B 1	2.0 M Glycerol	Polyalcohol
B 2	2.0 M Erythritol	Polyalcohol
B 3	2.0 M Xylitol	Polyalcohol
B 4	2.0 M Adonitol	Polyalcohol
B 5	1.0 M Mannitol	Polyalcohol
B 6	1.0 M Sorbitol	Polyalcohol
C 1	0.2 M Aluminium Chloride	Kosmotropic Cation
C 2	0.2 M Magnesium Chloride	Kosmotropic Cation
C 3	0.2 M Calcium Chloride	Kosmotropic Cation
C 4	2.0 M Lithium Chloride	Kosmotropic Cation
C 5	1.0 M Manganese (II) Chloride	Kosmotropic Cation
C 6	1.0 M Zinc Chloride	Kosmotropic Cation
D 1	2.0 M Sodium Malonate	Kosmotropic Anion
D 2	2.0 M Sodium Citrate	Kosmotropic Anion
D 3	2.0 M Sodium Fluoride	Kosmotropic Anion
D 4	2.0 M Ammonium Sulfate	Kosmotropic Anion
D 5	1.0 M Ammonium Phosphate dibasic	Kosmotropic Anion
D 6	1.0 M Ammonium Formate	Kosmotropic Anion

Storage: 4°C

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