

JBScreen Plus ♦ Volatiles

Cat. No.: CS-505

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	10.0 M Methanol	Small Alcohol
A 2	5.0 M Ethanol	Small Alcohol
A 3	5.0 M 2-Propanol	Small Alcohol
A 4	5.0 M 1-Propanol	Small Alcohol
A 5	1.0 M 1-Butanol	Small Alcohol
A 6	5.0 M tert-Butanol	Small Alcohol
B 1	5.0 M Ethylene Glycol	Small Alcohol
B 2	5.0 M 1,3-Propandiol	Small Alcohol
B 3	4.0 M 1,4-Butanediol	Small Alcohol
B 4	4.0 M 1,2-Butanediol	Small Alcohol
B 5	4.0 M 2,2,2-Trifluoroethanol	Small Alcohol
B 6	2.0 M Hexafluoro-2-propanol	Small Alcohol
C 1	4.0 M γ-Butyrolactone	Non-ionic Chaotrope
C 2	10.0 M Acetonitrile	Non-ionic Chaotrope
C 3	1.5 M Propionitrile	Non-ionic Chaotrope
C 4	0.4 M tert-Butyl Methyl Ether	Non-ionic Chaotrope
C 5	4.0 M Dioxane	Non-ionic Chaotrope
C 6	4.0 M Tetrahydrofuran	Non-ionic Chaotrope
D 1	5.0 M Acetone	Organic Volatile
D 2	2.5 M Ethyl Methyl Ketone	Organic Volatile
D 3	1.0 M 3-Pentanone	Organic Volatile
D 4	0.5 M Methyl Acetate	Organic Volatile
D 5	0.3 M Ethyl Acetate	Organic Volatile
D 6	0.05 M Dichloromethane	Organic Volatile

Storage: 4°C

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