

10X Brilliant Sodium Assay Buffer

Catalog # 7010S

| Category | Specification |
|---|---|
| Product Details | |
| Intended Use | Buffer component as part of a dye-loading solution for sodium (Na ⁺) assays |
| Product Size | 10 mL (Contact Sales for custom and bulk sized orders) |
| Product Concentration | 10X |
| Storage Temperature | 4°C |
| Product Form | |
| Appearance | Clear, Colorless Solution |
| Sterility | 0.2 µm Sterile Filtered |
| Packaging | HDPE Bottle |
| pH Range | |
| | Mettler Toledo SevenCompact S-210 pH Meter |
| pH of Solution Diluted to 1X | 7.3 ± 0.1 |
| Osmolality Range | |
| | Wescor 5500 Vapor Pressure Osmometer |
| Osmolality of Solution Diluted to 1X | 290 ± 15 mmol/kg |
| Cell Assay | |
| | BioTek Cytation 5 Imaging Plate Reader |
| Used as part of a Dye-Loading Buffer solution in a Cell Assay | The assay returns a passing result for the selected Dye Indicator used in the corresponding bio-validation method |