

## 10X Brilliant Calcium Assay Buffer

Catalog # 7010C

Category	Specification
<b>Product Details</b>	
Intended Use	Buffer component as part of a dye-loading solution for calcium ion (Ca <sup>2+</sup> ) assays
Product Size	10 mL (Contact Sales for custom and bulk sized orders)
Product Concentration	10X
Storage Temperature	4°C
<b>Product Form</b>	
Appearance	Clear, Colorless Solution
Sterility	0.2 µm Sterile Filtered
Packaging	HDPE Bottle
<b>pH Range</b>	
<b>Mettler Toledo SevenCompact S-210 pH Meter</b>	
pH of Solution Diluted to 1X	7.3 ± 0.1
<b>Osmolality Range</b>	
<b>Wescor 5500 Vapor Pressure Osmometer</b>	
Osmolality of Solution Diluted to 1X	290 ± 15 mmol/kg
<b>Cell Assay</b>	
<b>BioTek Cytation 5 Imaging Plate Reader</b>	
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