



## CERTIFICATE OF ANALYSIS

Product Code: AS88-67746-500mL

Product Name: Phosphate-buffered saline (DPBS, 10X), Dulbecco's formula with separate magnesium chloride and calcium chloride soln.

Lot No. :

|                                |              |
|--------------------------------|--------------|
| Appearance:                    | Clear liquid |
| pH:                            | 7.4 ± 0.15   |
| Sodium phosphate dibasic:      | 80.9 mM      |
| Potassium phosphate monobasic: | 14.7 mM      |
| Potassium Chloride:            | 26.7 mM      |
| Sodium Chloride:               | 1.38 M       |

Method: Prepared in 18.2 megohms-cm ± 1 water and then filtered through a 0.22-micron filter.

Notes:

Product comes with separate metal mix solution (Calcium Chloride Dihydrate [90 mM], Magnesium Chloride Hexahydrate [49 mM]) to avoid calcium Phosphate precipitation. To prepare 1 L of 1X solution, add 100 mL of Dulbecco's PBS (10X), 10 mL of metal mix solution and 890 mL of deionized water. The pH of the 1X solution will be 7.3 ± 0.15