



CERTIFICATE OF ANALYSIS

Product Code: AS88-67746-1L

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