

## Buffered Saline Solutions

Dulbecco's Phosphate Buffered Saline (DPBS) is a buffer solution which can be used to maintain cell culture media in the physiological pH range of 7.0 to 7.6. It can serve as an irrigating, transporting or diluting fluid while maintaining cell tonicity and viability for a limited period of time. There is a range of formulations suitable for a wide range of applications.

Complete Certificate of Analysis available for each production lot, along with full formulation information.

### Product Formulations

Product Code:	20-030	20-031	21-030	21-031	55-031	21-040	46-013	46-012
Description	Liquid, 10x	Liquid, 10x	Liquid, 1x	Liquid, 1x	Powder	Liquid, 1x	Liquid, 10x	Liquid, 10x
Units	g/L	g/L	g/L	g/L	g/L	g/L	g/L	g/L

Components								
<i>Inorganic Salts</i>								
CaCl <sub>2</sub> (anhydrous)	1.00	--	0.10	--	--	--	--	--
KCl	2.00	2.00	0.20	0.20	0.20	--	2.0	--
KH <sub>2</sub> PO <sub>4</sub>	2.00	2.00	0.20	0.20	0.20	0.144	2.40	--
MgCl <sub>2</sub> • 6H <sub>2</sub> O	1.00	--	0.10	--	--	--	--	--
NaCl	80.00	80.00	8.00	8.00	8.00	9.00	80.00	80.00
Na <sub>2</sub> HPO <sub>4</sub> (anhydrous)	11.50	11.50	--	1.15	1.15	0.795	14.40	--
Na <sub>2</sub> HPO <sub>4</sub> • 7 H <sub>2</sub> O	--	--	2.1716	--	--	--	--	--
<i>Organic Buffers</i>								
Tris Ultrapure	--	--	--	--	--	--	--	24.2

**For Research use only. Not approved for human or veterinary use, for application to humans or animals, or for use in clinical or *in vitro* procedures.**

## Support

Life Science Production is a division of Life Science Group Ltd.  
Life Science Production is [ISIA Traceability Certified](#)  
Life Science Group Ltd is an ISO 9001:2015 Certified company

To learn more, contact us:

Telephone: +44 (0) 1234 889180

Email: [sales@lifesciencegroup.co.uk](mailto:sales@lifesciencegroup.co.uk)

Website: [www.lifescienceproduction.co.uk](http://www.lifescienceproduction.co.uk)

Address: PO Box 1519, Bedford, United Kingdom