
	Document ID:	TDS-BHL-007-500ML	Version:	003
	Date of Issue:	10-JAN-2024	Approved by:	Dr. Iman Kamranfar
	Review Date:	10-JAN-2025	Signature:	
	Title:	<b>TECHNICAL DATASHEET</b>		

### Earle's Balanced Salts Solution (EBSS; without Calcium and Magnesium, with Phenol Red)

Filtration, Treatment	0.1µm sterile filtered
Product Code	BHL-007-500ML
Shelf Life	4 Years from DOM
Storage Temperature	2-25°C
Shipping Temperature	ambient

### QC Specifications

Physical and Chemical Analysis	Method	Specifications	Units
Appearance	Visual	clear, red solution	n/a
pH at RT	Electronic pH Meter	7.0 - 8.1	n/a
Osmolality	Osmometer	270 -310	mOsm/kg
Endotoxin	LAL Kinetic	≤ 1.0	EU/ml
<b>Sterility</b>			
Aerobic Bacteria	Internally Validated	Not detected	n/a
Anaerobic Bacteria	Internally Validated	Not detected	n/a
Fungi (Yeast & Mold)	Internally Validated	Not detected	n/a
Mycoplasma	qPCR	Not detected	n/a

### Formulation

Components	CAS number	Concentration (mg/L)
Potassium chloride	7447-40-7	400.00
Sodium chloride	7647-14-5	6800.00
Sodium phosphate monobasic monohydrated	7558-80-7	140.00
D-Glucose	50-99-7	1000.00
Sodium hydrogen bicarbonate	144-55-8	2200.00
Phenol Red, sodium salt	34487-61-1	11.00

### Ordering information

Product Code	Description	Product Information	Storage	Size
BHL-007-500ML	Earle's Balanced Salts	without Calcium and Magnesium, with Phenol Red, 0.1 µm sterile filtered	2-25°C	500 ml
BHL-007-100ML	Earle's Balanced Salts	without Calcium and Magnesium, with Phenol Red, 0.1 µm sterile filtered	2-25°C	100 ml

**Product Use:** This product is intended for laboratory use only.