
	Document ID:	TDS-BHL-006-500ML	Version:	004
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	Review Date:	10-JAN-2025	Signature:	
	Title:	TECHNICAL DATASHEET		

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

Filtration, Treatment	0.1µm sterile filtered
Product Code	BHL-006-500ML
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, colourless 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
Sterility			
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

Ordering Information

Product Code	Description	Product Information	Storage	Size
BHL-006-500ML	Earle's Balanced Salts	without phenol red, Calcium, and Magnesium, 0.1 µm sterile filtered	2-25°C	500 ml
BHL-006-100ML	Earle's Balanced Salts	without phenol red, Calcium, and Magnesium, 0.1 µm sterile filtered	2-25°C	100 ml

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