
	Document ID:	TDS-BHL-001-100ML	Version:	005
	Date of Issue:	10-JAN-2023	Approved by:	Dr. Iman Kamranfar
	Review Date:	10-JAN-2025	Signature:	
	Title:	TECHNICAL DATASHEET		

Hanks's Balanced Salt Solution (with Calcium and Magnesium, without Phenol Red)

Filtration, Treatment	0.1µm sterile filtered
Product Code	BHL-001-100ML
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	n/a
pH at RT	Electronic pH Meter	7.0 - 7.5	n/a
Osmolality	Osmometer	260 -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)
Calcium chloride	10043-52-4	140.00
D-Glucose	50-99-7	1000.00
Magnesium sulfate	7487-88-9	98.00
Potassium chloride	7447-40-7	400.00
Potassium dihydrogen phosphate	7778-77-0	60.00
Sodium chloride	7647-14-5	8000.00
Sodium hydrogen carbonate	144-55-8	350.00
Disodium hydrogen phosphate	7558-79-4	48.00

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

This product contains no animal components in the containers or the product itself.

The product is manufactured at Dorfstrasse 17A, 14641 Pessin, Germany