

Lactate (Enzymatic) for Microdialysis

< HPLC Conditions >

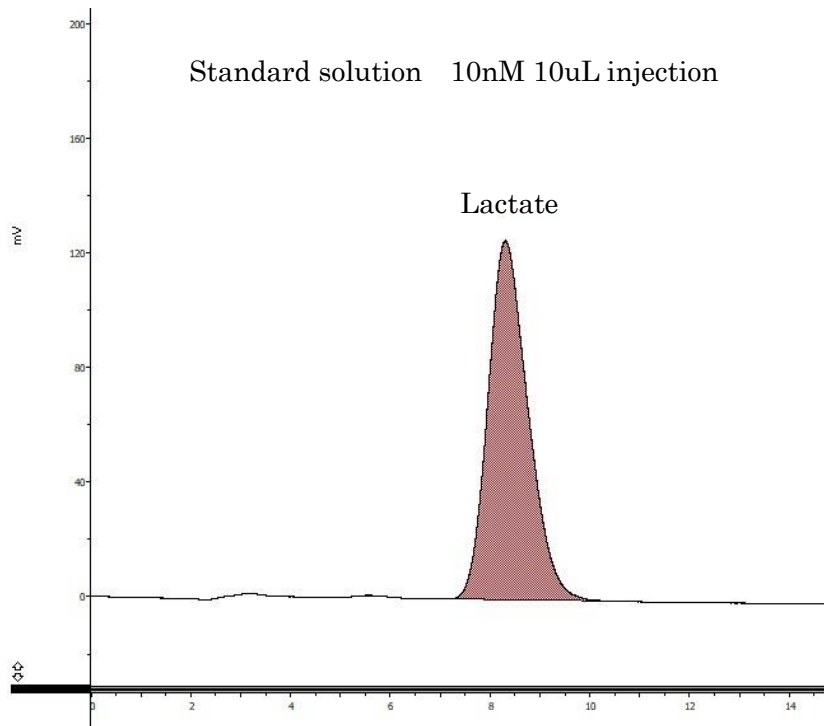
HPLC-ECD system	HTEC-510
Separation Column	Eicompak LT-GEL (φ2.0 × 150 mm)
Enzymatic column	LT-ENZYMPAK (φ4.0 × 5.0 mm)
Precolumn for sample	PC-03-CH (φ3.0 × 4.0 mm)
Precolumn for Mobile Phase	PC-04-CH (φ4.0 × 5.0 mm)
Mobile Phase	Contains 100 mg/L Tetra-n-hexylammonium bromide 100 mM phosphate buffer (pH 7.0)
Flow rate	150 μL/min
Column Temp.	33 °C
Working Electrode	WE-PT (Platinum)
Gasket	GS-25P
Applied potential	+450 mV vs. Ag/AgCl
Time Constant	3.0 sec

Mobile Phase 1000 mL

100 mM phosphate buffer (pH 7.0)	Tetra-n-hexylammonium bromide
1000 mL	100 mg

100 mM phosphate buffer (pH 7.0) 1000 mL

NaH ₂ PO ₄ ·2H ₂ O	Na ₂ HPO ₄ ·12H ₂ O	H ₂ O
5.85 g	22.375 g	1000 mL



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