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Certificate of Analysis

Description of the Material:

- (a) Product Name: HIC HPLC analysis buffer A
- (b) Chemical Name: 0.1M sodium phosphate, 1.8 M ammonium sulfate, pH 7.0
- (c) Product Number: CM02025.1
- (d) Appearance: clear solution
- (e) Amount: 250 mL, 500 mL, 1 L

Material Code and Batch Number:

- (a) Lot Number: S272.S1.0321C

Specifications and Results:

Tests	Specification(s)	Results
Appearance (Turbidity)	Clear	pass
Appearance (Color)	Colorless	pass
UV at 220 nm (1 cm path length)	≤ 0.20	0.11 (pass)
UV at 280 nm (1 cm path length)	≤ 0.06	0.02 (pass)
pH (at ambient)	6.3 – 6.6	pass
Molar concentration of phosphate	0.1 ($\pm 10\%$)	pass
Molar concentration of ammonium sulfate	1.8 ($\pm 10\%$)	pass

Intended use: For research and development use only.

Hazard information: not a hazardous material.

Shelf life, Storage condition and Expiration date: The compound is stable at RT. Recommended to store the product at RT.

Date of analysis: March 28, 2023

Expiration Date: March, 2028