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## Certificate of Analysis

### Description of the Material:

- (a) Product Name: HIC Buffer B
- (b) Chemical Formulation: 0.1M sodium phosphate, pH 7.0
- (c) Product Number: CM02025.2-1000ML
- (d) Appearance: Clear solution
- (e) Amount: 1000 mL

### Material Code and Batch Number:

- (a) Lot Number: S651.S2.0416F

### Specifications and Results:

Tests	Specification(s)	Results
Appearance (Turbidity)	Clear	pass
Appearance (Color)	Colorless	pass
pH (at 25 °C)	7.0 ±0.1	7.09 (pass)
Molar concentration of phosphate	0.1 (±10%)	pass

**Intended use:** For research and development use only.

**Hazard information:** Not a hazardous material.

### Storage and Solution Stability

- **Undissolved HIC Buffer B** is stable at ambient temperature for up to 5 years.
- **Reconstituted HIC Buffer B** can be stored at ambient temperature for up to 1 week. For longer-term storage, store at 2–8 °C to prevent microbial or algae growth.