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CERTIFICATE OF ANALYSIS

PRODUCT NAME: SPHACE5010 (1M Acetate Buffer , pH 5.0)
CHEMICAL: Acetate Buffer
LOT NUMBER: 17846

<u>Test</u>	<u>Method</u>	<u>Specification Values</u>		<u>Lot Analysis</u>
		<u>Min</u>	<u>Max</u>	
Appearance	Visual	White	Powder	White Powder
pH		4.5	5.5	5.01

*The shelf life is only valid if the material is stored in the original unopened container.
The specifications and lot analysis are only valid using the listed methods.
The test methods and specifications were current when the product was lotted.*

CERTIFIED BY:
NAME: D. Shawn Ream

TITLE: QC MANAGER

Certificate issue DATE: 03-01-2019

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