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**CERTIFICATE OF ANALYSIS**

STP Prime Plus VET Auto QC Cartridge 315 Sample  
with Creat/BUN  
Lot Number 25079020

Ref Number 58409  
Exp Date 2026-09-10  
Date of Manufacture 2025-03-10

| <b>Level 1</b>   |               |                  | <b>Level 2</b>   |               |                  | <b>Level 3</b> |               |                  |
|------------------|---------------|------------------|------------------|---------------|------------------|----------------|---------------|------------------|
|                  | <u>Spec</u>   | <u>Pass/Fail</u> |                  | <u>Spec</u>   | <u>Pass/Fail</u> |                | <u>Spec</u>   | <u>Pass/Fail</u> |
| pH               | 7.180 - 7.230 | Pass             | pH               | 7.350 - 7.420 | Pass             | pH             | 7.570 - 7.650 | Pass             |
| pCO2 mmHg        | 55.0 - 65.0   | Pass             | pCO2 mmHg        | 39.0 - 45.0   | Pass             | pCO2 mmHg      | 18.0 - 26.0   | Pass             |
| pO2 mmHg         | 58.0 - 68.0   | Pass             | pO2 mmHg         | 97.0 - 107.0  | Pass             | pO2 mmHg       | 135.0 - 149.0 | Pass             |
| tHb g/dL         | 18.0 - 22.0   | Pass             | tHb g/dL         | 13.0 - 16.0   | Pass             | tHb g/dL       | 5.5 - 8.5     | Pass             |
| COHb %           | 24.0 - 32.0   | Pass             | COHb %           | 17.0 - 23.0   | Pass             | COHb %         | 3.0 - 9.0     | Pass             |
| tBil mg/dL       | 18.0 - 24.0   | Pass             | tBil mg/dL       | 9.5 - 13.5    | Pass             | tBil mg/dL     | 4.0 - 8.0     | Pass             |
| <b>Level 4</b>   |               |                  | <b>Level 5</b>   |               |                  |                |               |                  |
|                  | <u>Spec</u>   | <u>Pass/Fail</u> |                  | <u>Spec</u>   | <u>Pass/Fail</u> |                |               |                  |
| Na+ mmol/L       | 141.9 - 144.7 | Pass             | Na+ mmol/L       | 114.0 - 116.4 | Pass             |                |               |                  |
| K+ mmol/L        | 3.94 - 4.02   | Pass             | K+ mmol/L        | 6.13 - 6.25   | Pass             |                |               |                  |
| Cl- mmol/L       | 126.6 - 129.2 | Pass             | Cl- mmol/L       | 96.9 - 98.9   | Pass             |                |               |                  |
| Ca++ mmol/L      | 1.07 - 1.09   | Pass             | Ca++ mmol/L      | 1.47 - 1.49   | Pass             |                |               |                  |
| Glu mg/dL        | 79 - 83       | Pass             | Glu mg/dL        | 265 - 275     | Pass             |                |               |                  |
| BUN mg/dL        | 17.6 - 18.5   | Pass             | BUN mg/dL        | 50.7 - 53.3   | Pass             |                |               |                  |
| Creatinine mg/dL | 0.98 - 1.02   | Pass             | Creatinine mg/dL | 6.57 - 6.83   | Pass             |                |               |                  |
| Lac mmol/L       | 1.6 - 2.2     | Pass             | Lac mmol/L       | 6.5 - 7.1     | Pass             |                |               |                  |
| Mg++ mmol/L      | 0.54 - 0.66   | Pass             | Mg++ mmol/L      | 1.05 - 1.17   | Pass             |                |               |                  |

This certifies that this product was manufactured and tested at Nova Biomedical Corporation, Waltham MA 02454 U.S.A. in accordance with ISO 13485:2016 Medical Devices Quality Management Systems Requirements, Medical Device Single Audit Program (MDSAP), and conforms to the indicated test specifications. All listed analytes are traceable to NIST SRM Materials. tHb is traced by using Cyanmethoglobin method

Note: Acceptance specifications for this part number are lot dependent and subject to change by the manufacturer

*Auishi M*

Approval

QC Inspector

Title

04/09/2025

Date