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CERTIFICATE OF ANALYSIS

Product Name: VENTANA PTEN (SP218) RABBIT MONOCLONAL PRIMARY ANTIBODY

Ventana^{REF}: 790-5097

Roche Number: 07970200001

Batch Number: G03635Z

| Test | Acceptance Criteria | Result |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------|
| Functional Staining on PTEN Positive and PTEN Negative tissue | The test batch must score 2 or greater on normal pancreas control tissue | PASS |
| | The test batch must score less than 1 for the specific staining on the qualified PTEN negative prostate carcinoma | PASS |
| | The specific stain intensity must be within 0.5 pt. of the reference batch for PTEN positive tissue | PASS |
| | The background intensity must be 0.5 or less | PASS |
| | The intensity of the negative reagent control slide must be 0.5 or less | PASS |
| Visual Inspection | Reagent must be free of foreign material and substantially free of particulate matter | PASS |
| | Reagent must be clear and free of turbidity | PASS |
| Bioburden | Visible bacterial colonies must be less than or equal to 100 CFU/mL | PASS |

This lot met the specifications.

Expiration date: 2018-05-28

Manufacture date: 23-MAY-2016

Laughlin Hoskinson

Laughlin Hoskinson 10-JUN-2016

Quality Department

Date

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