CinderBio

CERTIFICATE OF ANALYSIS
PRODUCT NAME: VESUVIUS
REFERENCE NUMBER: HTA-VS-PC100 (CB14057), HTA-VS-PC200 (CB14057HC)
LOT NUMBER: 612276

SPECIFICATIONS:

VISUAL: Clear aqueous solution
ACTIVITY*: 30 HUT/ µL
PURITY: ≥ 99% of detectable protease activity on a gelatin zymogram+
SHELF LIFE: > 2 years at ambient temperature in a pH3 aqueous solution

RESULTS:

VISUAL: Clear aqueous solution
ACTIVITY*: 32.71 HUT/ µL
PURITY: 99% of detectable protease activity on a gelatin zymogram+
SHELF LIFE: > 2 years at ambient temperature in a pH3 aqueous solution

1 HUT of activity is defined as the amount of enzyme that will release 1 micro- mole of tyrosine equivalents at 80°C, pH 3, in 15-minutes with a hemoglobin substrate
+Zymography was performed using a 0.1% gelatin substrate concentration, incubated for 18 hrs at pH3 with at least 100HUTs loaded onto the gel

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