CinderBio

CERTIFICATE OF ANALYSIS
PRODUCT NAME: VESUVIUS
REFERENCE NUMBER: HTA-VS-PC100 (CB14057)
LOT NUMBER: 1212276.2

SPECIFICATIONS:

VISUAL: Clear aqueous solution
ACTIVITY*: 30 U/ 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*: 36.76 U/ µL
PURITY: 99% of detectable protease activity on a gelatin zymogram[+]
SHELF LIFE: > 2 years at ambient temperature in a pH3 aqueous solution

1 U 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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