



CERTIFICATE OF ANALYSIS

PRODUCT NAME: VESUVIUS

REFERENCE NUMBER: CB14057

LOT NUMBER: 1212276.1

SPECIFICATIONS:

VISUAL: Clear aqueous solution

ACTIVITY*: 30 HUT/ μ L

PURITY: \geq 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*: 30.02 HUT/ μ L

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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Name:

**Allison Narlock,
Quality Manager**

Signature:

Allison Narlock