

CERTIFICATE OF ANALYSIS

Catalog #: CSA-01254 **Lot #:** 3I26120

Description: **Proteinase K, Powder**
(Molecular Biology Grade, Recombinant), CAS#: 39450-01-6

Source: *Pichia pastoris* cells with clone gene encoding *Tritirachium album* endolytic protease.

M.W.: 626.50

Format: Lyophilized Powder

Purity: >95% (Native-PAGE)

Activity: Activity (Dry Weight): > 30.0 U/mg Results: 30.4 U/mg
Specific Activity: > 40.0 U/mg P Results: 43.52 U/mg P
One unit is defined as the enzyme activity that produces 1 umol of tyrosine per minute from casein at 37°C, pH 7.5.

DNase/RNase Contamination: None Detected

Storage: Store below 4°C.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature: 

18SEP2020

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY