

Specification Sheet

Product Name:	Proteinase K from Tritirachium album
Specifications & Purity:	UltraBio™, Suitable for molecular biology, lyophilized powder, ≥30 units/mg protein
SKU #	P755752Z

Parameter**Limit Values**

Appearance(P755752Z)

White to off
white powder

DNA Content

0-1 (ppm)

DNase, Exonuclease Detection by agarose gel (200 ug/mL)

None Detected

NICKase, Endonuclease Detection by agarose gel (200 ug/mL)

None Detected

Protein by Biuret

≥90 (%)

RNase Detection by PAGE (200 ug/mL)

None Detected

Protein One unit will hydrolyze urea denatured hemoglobin to produce color equivalent to 1.0 micromole of tyrosine per minute at pH 7.5, 37 degC (color per Folin-Ciocalteu reagent)

≥30 (units/mg)