

# Certificate of Analysis



**Product Name:** Taq Pol

**Description:** Thermostable DNA polymerase

**Catalog Number:** TAQ\_100KU / TAQ\_1000KU  
TAQHY\_100KU / TAQHY\_1000KU

**Lot:** TAQ-1506.1

**Source:** *Thermus aquaticus*

**Expressed in:** *Escherichia coli*

**Concentration:** 5 units/ $\mu$ l

**Storage Buffer:** 20 mM Tris-HCl, 100 mM KCl, 0.1 EDTA, 1 mM DTT, 0.5% Tween-20, 0.5% Nonidet P-40, 50% (v/v) Glycerol, pH 8.0 (25°C)

**Stability:** 24 months from Certification Date

Test	Specification	Results
Low Copy PCR (4 kb, lambda DNA, template dilution series)	PCR fragment with 50 pg of template or less	5 pg
Contamination with human DNA (qPCR, beta-actin gene)	not detectable	conforms
Contamination with bacterial DNA (qPCR, 16S rRNA)	not detectable	conforms
DNases, RNases, Nicking Activity (FRET)	not detectable	conforms

QC acceptance date: June 16, 2015

A handwritten signature in black ink that reads "Bügener".

Sebastian Bügener, Quality Control