



Quality Control Report

Aflatoxin Total Immunoaffinity Column

(Cat No: KH01102Z)

Lot No.: YS241003I10

HPLC Assay Conditions

Standard injection concentration: 20ng/ml (40% acetonitrile+water)

Chromatographic conditions (post-column derivation)

Column: Inertsil ODS-3 C18-H column, 4.6*150mm, 5 μ m

Mobile phase: methanol+acetonitrile-water (16+16+68)

Flow rate: 1.0ml/min

Column temperature: 40 $^{\circ}$ C

Injection volume: 50 μ l

Test wavelength: excitation wavelength 360nm, emission wavelength 440nm

Product Analysis Results

Test indicators	Indicator standards	Test results	Test conclusions
Column volume	≥ 300 ng	≥ 300 ng	Qualified
Column recovery	80%-120%	97%	Qualified
QC sample	AFG1=1.37-3.53ug/kg AFG2=0.86-2.22ug/kg AFB1=3.69-9.5ug/kg AFB2=2.05-5.26ug/kg	AFG1=3.55ug/kg AFG2=2.22ug/kg AFB1=7.93ug/kg AFB2=5.02ug/kg	Qualified
Sample spiking and recovery	80%-120%	95%	Qualified
Test conclusions	This product has been tested and qualified		

