

Scientific Services

**Consultant Microbiologists
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K121404-5

1st August 2020

LABORATORY REPORT

SOURCE:

Wiper Supply Services

ITEMS:

Germ-Buster (expelled fluid as supplied)

TESTS:

BSEN1650:2019

Concentration: Neat

Temperature: 20°C

Contact time: 30 minutes

Interfering substance: Bovine Albumin 3.0g/l (dirty)

Storage conditions: Room temperature, out of direct sunlight

Active substances: Not given

Test Date: 28th July 2020

Recovery: Dilution neutralisation, using:-

Tryptone Soya Broth containing Tween 80 100ml/l,
Lecithin 30g/l, Sodium thiosulphate 5g/l, L-histidine
1g/l, L-cystine 1g/l

Test organism: Aspergillus niger ATCC 16404

SUMMARY & CONCLUSIONS:

K121404-5

Organism	Control	Germ-Buster (expelled fluid as supplied)	Log Reduction
Aspergillus niger ATCC 16404	1.95x10 E6	1.90x10 E2	4.01

All test results below 140 (1.4x10 E2) are required to be reported as <140.

The sample complies with the criteria of BSEN1650:2019 (log 4 reduction) after 30 minutes contact, against Aspergillus niger, under the test conditions stated.

KMSelf

K.M.Self, M.B.I.C.Sc.,M.R.S.P.H.,A.M.S.B.

Proprietor: K M Self, M.R.S.P.H.,M.B.I.C.Sc.,A.M.S.B., Member of the Society for General Microbiology,
Participating in the National Agricultural Check Sample Service

Detailed Results K121404-5 Germ-Buster

Aspergillus niger ATCC 16404

Test Suspension (N + No)

N	V _{C1}	V _{C2}		
10 ⁻⁵	200	186	Weighted Mean = 1.95x10 E7	log = 7.29
10 ⁻⁶	18	24	No = N/10 = 1.95x10 E6	log = 6.29

Test (Na)

V _{C1}	V _{C2}	mean		
20	18	19	Na = mean x 10 = 1.9x10 E2	log = 2.28

Log Reduction

4.01

Validation & Controls

Validation Suspension (Nvo)

V _{C1}	V _{C2}	mean
46	48	47

Experimental Conditions Control (A)

V _{C1}	V _{C2}	mean
48	40	44

Neutraliser Toxicity Control (B)

V _{C1}	V _{C2}	mean
40	41	40.5

Dilution Neutralisation Control (C)

V _{C1}	V _{C2}	mean
39	48	43.5