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101461402

286

The Inhibition of ciliary activity by cigarette smoke and its components. A review of the published literature  
 AYRES, C.I. B.A.T.Co.Ltd.:R.&D.E., 25 Feb. 1963,; 12p., 32 refs.  
 (B.A.T.:R.&D.E. Report No. RD.239-R)

Smoke toxicity:  
 simple cells

930

No. 48

Project Conqueror. An examination of the initial results.  
 AYRES, C.I. B.A.T.Co.Ltd.:R.&D.E., 4 Mar. 1966,; 15p., 6 diagrams, 5 refs.  
 (B.A.T.:R.&D.E. Report No. RD.385-R)

959

Project CONQUEROR: goblet cell test  
 AYRES, C.I. BAT Co.Ltd: R&DE 18th April 1966 8p, 1 table,  
 5 refs  
 (BAT: R&DE Report No. RD. 396 - R)

931

Feasibility studies on tissue tests  
 COMBER, R. B.A.T.Co.Ltd.:R.&D.E., 11 Feb. 1966,; 12p., 2 diagrams, 6 refs.  
 (B.A.T.:R.&D.E. Report No. RD.380-R)

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The Toxicity of smoke to paramecium.  
 COMBER, R. B.A.T.Co.Ltd.:R.&D.E., 21 Feb. 1966,; 39p., 5 diagrams,  
 23 refs.  
 (B.A.T.:R.&D.E. Report No. RD379-R)

981

A second method for the determination of the toxicity of smoke to  
 Paramecium  
 COMBER, R.C. BAT Co.Ltd:R&DE, 12th July 1966 15p, 4 figures,  
 6 tables, 5 references  
 (BAT: R&DE Report No. RD. 404 - R)

Methods  
 Paramecium  
 Toxicity  
 Smoke  
 Comparison  
 pH

Copies 18, 19

(P) (T)

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Feasibility studies on tissue tests - second progress report

COMBER, R. BAT:R&DE, 13th October 1966. 12p, 9 figures, 1 table, 11 refs.

(BAT:R&DE Report no. RD. 434 - R)

1163

Feasibility studies on tissue tests: third report

COMBER, R. BAT:R&DE, 26th October 1967. 12p, 2 figures(1 photo) 7 tables, 5 refs

(BAT:R&DE Report no. RD. 511 -R)

1244

Feasibility studies on tissue tests: fourth report

COMBER, R. BAT:R&DE, 27th March 1968. 11p 1 figure, 5 tables, 14 refs

(BAT:R&DE Report no. RD. 552 -R)

1849

Bio-routine. Untersuchungen auf signifikanz und reproduzierbarkeit von versuchsergebnissen der biotests DROK, CAMT & CAMVER.

DEPP E, K. & LORENZ, H.M.

B.A.T. Hamburg FE report no. 45.

Dec. 1968.

copy A.

*auf das Wachstum*  
Untersuchungen über die biologische Wirkung von rauchkondensat  
nicotinabbauender bakterien.

DEPPE, K.

B.A.T. Hamburg FE report no. 28.

Jan 1967.

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Versuche zur Bestimmung der biologischen Aktivität von  
Rauchkondensaten mit dem Talgdrüseneschwundtest (TDS-Test).

KRACHT, J.

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May 1967

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historical + archiv Hu

A. W. H. in

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Untersuchungen über die biologische Wirkung der Gasphase von  
Zigarettenrauch.

RATHKAMP, G.

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Concerning the ciliary activity of cigarette smoke after impregnating tobacco with citric acid, itaconic acid and its isomers.

BORDOSKI, H.

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Dec. 1961.

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Conversion of cells from normal to malignant in vitro: first report

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(BAT:R&DE Report no. RD. 564 -R)

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Induction of hyperplasia in the chorioallantoic membrane of fertile  
hens' eggs by smoke

COMBER, R. BAT:R&DE, 6th November 1968. 8p, 5 figures, 3 tables,

3 refs

(BAT:R&DE Report no. RD. 622 -R)

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The toxicity of the cyclohexane fraction of smoke to chicken embryo  
cells

COMBER, R. BAT:R&DE, 17th March 1969. 14p, 1 figure, 3 tables,

1 refs

(BAT:R&DE Report no. L. 307 -R)

1489

A chorioallantoic membrane hyperplasia

test for smoke-second report.

COMBER, R.

B.A.T. R & D.E. report L.331-R

24.Apr.70. *copies 18, 19.*

*Hyperplasia*

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1832

Biologische wirkungen von cigarettenrauch und cigarettenrauchkondensat ergebnisse der biologischen untersuchungen. FE D.A.T. Deutschland bis mitte 1967.

SEEHOFER, F. & DEPPE, K.

D.A.T. Hamburg FE report no. 26.

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Statistik bioroutine.

DEPPE, K.

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Evaluation of "Camver" test

AYERS, Cora W. BAT:R&DE, 18th Sept. 1968. 6p, 1 figure, 2 tables, 5 refs

(BAT:R&DE Report no. RD. 611 -R)

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The mechanism of the Camver test

AYERS, Cora W. BAT:R&DE, 14th October 1969. 20p 5 figures, 12 tables, 10 refs

(BAT:R&DE Report no. RD. 671 -R)

1763

Tobacco smoke bioassay methods. A. Effects on root tip mitoses.

KENNEDY, J.E. & NEWTON, R.P.

Brown & Williamson Tobacco Corp. Louisville R&D dept. report 69-5R

Mar. 13th 1969

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Biological activity of smoke from tobaccos fumigated with phosphine

COMBER, R. BAT:R&DE, 21st January 1970. 3p, 2 tables, 3 refs

(BAT:R&DE Report no. L. 324 -R)

Biological  
Activity  
Smoke

Phosphine } Fumigated tob.  
Fumigation } Nicaraguan tob.

101461406

1841  
Studies on mutations in *Drosophila Melanogaster* by feeding  
smoke condensate.

DIPPE, K.

B.A.T. Hamburg FE report no. 35.

Oct. 1967.

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1840  
Quantitative determination of enzyme inhibition by cigarette smoke.  
(Carbonyl esterases from liver homogenate).

NESEMAN, E.

B.A.T. Hamburg FE report no. 34.

Sept 1967.

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1468  
Attempts to transform cells in vitro by carcinogens:

second report

COMBER, R.

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26 March 1970.

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1174

The effect of carcinogens and smoke on human lymphocyte chromosomes  
COMBER, R. BAT:R&DE, 7th Nov. 1967. 7p, 2 photos, 6 refs  
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1431

Human embryo lung cells in quantitative growth studies  
COMBER, R. BAT:R&DE, 31st Dec. 1969. 4p, 9 refs  
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Human Culture  
Embryo  
lung  
Cell  
Cellular  
Growth  
Growth  
Smile  
Tissue

101461407

1818

Investigation of the biological activity of smoke condensates  
(Ciliate test on Paramecium).

DEPPE, K.

B.A.T. Hamburg. Hlreport no. 9.

Mar. 1964.

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Estimation of the ciliostatic activity of tobacco smoke using  
the paramecium test. 1: Preliminary report.

WALKER-POWELL, A.J.

B.T.Co. (Aust). research dept report no. WA-3R.

Jan. 1965.

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Determination of the sulphhydryl binding power and the reducing  
values of tobacco smoke and their influence on paramecium.

B.T.Co. (Aust). research dept. report no. WA-8F.

SLOGGETT, R.F. & WALKER-POWELL, A.J.

Oct. 1965.

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A Method for ciliostasis using paramecium

COMBER, R. B.A.T.Co.Ltd. R.&D.E., 17 Aug. 1965, 11p, 1 diagram,  
7 refs.

(B.A.T. R.&D.E. Report No. 157-R)

1045

The effect of tobacco smoke on cells

JAMES, F.A. and COMBER, R.C. BAT:R&DE, 1st December 1966. 32p,  
8 photos, 1 table, 17 refs

(BAT: R&DE Report no. RD. 447 - R)

1019

Sulphydryl-binding activity and the toxicity of smoke to  
Paramecium

COMBER, R. BAT:R&DE, 23rd Sept. 1966, 7p, 1 figure,  
3 tables, 2 refs.

(BAT: R&DE Report no. L. 210 - R)

Sulphydryls      Filtration

Toxicity          Filter plugs

101461408

1148

Fractionation and identification of smoke constituents toxic to Paramecium

DYREND, H.F. and COMBER, R. BAT:R&DE, 24th August 1967. 33p, 19 figures, 11 tables, 10 refs  
(BAT:R&DE Report no. RD. 500 -R)

1150

Comparison of the effects of smoke on Amoeba and Paramecium  
D.E. PHILLIPS/R. COMBER BAT:R&DE, 25th August 1967. 8p, 2 figures, 2 tables, 5 refs.  
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Acrolein in cigarette smoke: losses on Cambridge filters and relation to Paramecium toxicity

E/ELYN, S.R. BAT:R&DE, 27th Dec. 1967. 27p, 3 figures, 13 tables, 13 refs  
(BAT:R&DE Report no. RD. 524 -R)

1208

Paramecium tests in R. & D.E. on cigarettes supplied by B-A.T. Hamburg

COMBER, R. BAT:R&DE, 5th February 1968. 4p, 3 tables, 2 refs  
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Further investigations of the Paramecium (solution) method

COMBER, R. BAT:R&DE, 13th November 1968. 10p, 3 figures, 2 tables, 6 refs  
(BAT:R&DE Report no. RD. 623 -R)

1843

The ciliastic effect of smoke on Tetrahymena,

SCHULZ, W. & SCHOSTEK, H.

B.A.T. Hamburg FE report no. 37

Sept. 1967.

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Amoeba

response

101461409



2433

The nitromethane fraction of smoke condensate

RAYNER, S.E.

B.A.T. R &amp; D.E. report RD. 776-R

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The nitromethane fraction of smoke condensate

RAYNER, S.E.

B.A.T. R &amp; D.E. report RD. 776-AR

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Progress report October-December 1970

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The nitromethane fractionation scheme (further  
studies)

RAYNER, S.E.

B.A.T. Group R &amp; D Centre report RD.869-R

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Progress report July-Sept. 1971. III/71

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Progress report Jan. - Mar. 1973

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B.A.T. (Hamburg) report I/73

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The Nitromethane fraction index of smoke condensate

LUGTON, W.G.D.

B.A.T. Group R. &amp; D. Centre report RD.1136-R

5 August, 1974

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3578

A review and comments on NMFI Test results.,

EVELYN, S.R., LUGTON, W.G.D.

B.A.T. Group R &amp; D Centre Report RD 1251-R

16 September 1975

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TBS (1975)

GAR (Finkbeiner)

3338

Evaluation of foamed Batflake.

ROTH, D.S.

B &amp; W Tob Corp., R &amp; D Dept report GF-026-76

21 June 1976

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A comparison of the use of two Schweitzer sheets with PCL. 3987

RICE, R.L.

I.T. Products Ltd (Montreal) R & D Report No 152

May 1977

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Use of the nitromethane fraction index (NMFI) as an indicator 4010

of biological activity of smoke.

SCHERRAK, M.P., SMITH, T.A.

I.T. Products Ltd (Montreal) R & D Dept report No 151

12 April 1977

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A preliminary report on the biological activity of smoke 4049

from samples of the Delphe tobacco and health bioassay programme, as

indicated by the nitromethane fraction index.

SCHERRAK, M.P., BOSWALL, G.W., SMITH, T.A.

I.T. Products Ltd (Montreal) R & D report no 154

5 August 1977

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The nitromethane fraction index. 4050

MULLINS, G., HEITKAMP, N.D.

B & W Tob Corp., R & D Dept 77-4

22 September 1977

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PRT-81 The effects of DAP on flue-cured PRT. 4076

PROWSE, R.L.

B.A.T. Group R & D Centre: RD 1540 Restricted

17 November 1977

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The ash properties of Batflake containing sodium carbonate. 4147

TOLMAN, T.W.

B.A.T. Group R & D Centre: RD 1580 Restricted

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PRT: The effects of ammonium chloride on flue-

cured PRT.

PROUSE, R.L.

B.A.T. Group R &amp; D Centre: RD 1526 1596 Res.

12 June 1978

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Project 15.02.05

Comparison of IRL (Canada) experimental cigarettes containing

4158

PCL and PJS.

PROUSE, R.L.

B.A.T. Group R &amp; D Centre: RD 1526 Restricted

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The nitromethane fraction of smoke condensate

RAYNER, S.E.

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The nitromethane fraction of smoke condensate

RAYNER, S.E.

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The nitromethane fractionation scheme (further  
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RAYNER, S.E.

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The Nitromethane fraction index of smoke condensate

LUGTON, W.G.D.

B.A.T. Group R. & D. Centre report RD.1136-R

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A review and comments on NMFI Test results..

EVELYN, S.R., LUGTON, W.G.D.

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Evaluation of foamed Batflake.

ROTH, D.S.

B & W Tob Corp., R & D Dept report GF-026-76

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A comparison of the use of two sedimentation chambers with 3037

RICE, R.L.

I.T. Products Ltd (Montreal) R & D Report No 152

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Use of the nitromethane fraction index (NMFI) as an indicator  
of biological activity of smoke. 4010

SCHERBAK, M.P., SMITH, T.A.

I.T. Products Ltd (Montreal) R & D Dept report No 151

12 April 1977

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A preliminary report on the biological activity of smoke 4049

from samples of the Delphi tobacco and health bioassay programme, as

indicated by the nitromethane fraction index.

SCHERBAK, M.P., BOSWELL, C.W., SMITH, T.A.

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The nitromethane fraction index. 4050

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B & W Tob Corp., R & D Dept 77-H

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PROWSE, R.L.

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The ash properties of Batflake containing sodium carbonate. 4147

TOLMAN, T.W.

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4157  
TRI: the effects of ammonium chloride on fluor-  
cured TRI.  
FRANSE, R.L.

B.A.T. Group R & D Centre: RD 1528 1596 Res.  
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Comparison of IRL (Canada) experimental cigarettes containing 4158

PCL and PJS.

PROWSE, R.L.

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JANUS  
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Cigarette parameters: the effect of  
altering the circumference

LUGTON, W.G.D.

B.A.T. R & D E report no. RD.834-R

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2880

Cigarettes of low biological activity

THORNTON, R.E. COMBER, R. & LUGTON, W.G.D.

B.A.T. Group R & D Centre report RD.934-R

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The disruption of lysosomal membranes by known

tumour promoters and cigarette smoke condensates

COMBER, R. & NEWELL, D.G.E.

B.A.T. Group R & D Centre report L.415-R

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The Nitromethane fraction index of smoke condensate

LUGTON, W.G.D.

B.A.T. Group R. & D. Centre report RD.1136-R

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Planet cigarettes.

EVELYN, S.R.

B.A.T. Group R & D Centre Report RD 1206-R

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3330

3469

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A review and comments on MMPI Test results.,

EVELYN, S.R., LUGTON, W.G.D.

B.A.T. Group R & D Centre Report RD 1251-R

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4027

Correlations between O/WP and biological tests.

AYERS, C.W., HOOK, R.G.

B.A.T. Group R & D Centre: RD 1505 Restricted

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1392

Age in mouse skin painting experiments

WILKES, E.B. BAT:R&DE, 11th July 1969. 58p, 8 figures, 42 tables,  
15 refs

(BAT:R&amp;DE Report no. RD. 660 -R)

1404

Age in mouse skin painting experiments

WILKES, E.B. BAT:R&amp;DE, 3rd October 1969. 26p, 9 refs

(BAT:R&amp;DE Report no. RD. 660 -AR)

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A survey of the Janus mouse skin-painting ex-  
periments.

WILKES, E.B.

B.A.T. R &amp; D.E. RD. 773-R

7 April 71 Copies 5, 6.

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2525

Analysis of Janus condensate solutions

CHAKRABORTY, R.R. &amp; THORNTON, R.E.

B.A.T. R &amp; D.E. report RD. 808-R

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The first promotion test

WILKES, E.B.

B.A.T. Group R &amp; D Centre report RD. 872-R

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The disruption of lysosomal membranes by known

tumour promoters and cigarette smoke condensates

COMBER, R. &amp; NEWELL, D.G.E.

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MOUSE  
SKIN  
PAINTING

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A statistical analysis of the incidence of  
tumour-bearing animals in Janus experiment B0  
WILKES, E.B.

B.A.T. G.R. & D.C. report RD.855-R

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A statistical analysis of the incidence of tumour-  
bearing animals in Janus experiment B1  
WILKES, E.B.

B.A.T. GROUP R & D CENTRE report RD.954-R

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Statistical analysis of the incidence of tumour-  
bearing animals in Janus experiment B2.

WILKES, E.B.

B.A.T. Group R & D Centre report RD.985-R

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Statistical analysis of the incidence of tumour-bearing animals 3186

in JANUS experiment B3

WILKES, E.B.

B.A.T. Group R & D Centre report RD.1073-R

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A statistical analysis of the coincidence

3229

of tumour-bearing animals in JANUS experiment B4.

WILKES, E.B.

B.A.T. Group R & D Centre Report No. RD 1093-R

26 February, 1974

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101461421

3347  
A statistical analysis of the incidence of tumour-bearing animals  
in JANUS experiment B5

WILKES, E.B.

B.A.T. Group R. & D. Centre report RD.1121-R

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3371  
The design and analysis of an experiment to compare the tumour-  
promoting activities of the condensate from cigarettes B9/1 & B9/6

WILKES, E.B.

B.A.T. Group R. & D. Centre report RD.1152-R

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3416  
The design and analysis of an experiment to compare the tumour-  
promoting activity of the condensate from cigarettes used in the Janus  
Long-term Test B11.

WILKES, E.B.

B.A.T. Group R & D Centre Report RD 1180-R

28 January 1975

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3430  
A statistical analysis of the incidence of tumour-bearing animals  
in Janus experiment B6/B7.

WILKES, E.B.

B.A.T. Group R & D Centre Report RD 1212-R

9 May 1975

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3727  
A statistical analysis of the incidence of tumour-bearing animals  
in Janus experiment B8.

WILKES, E.B.

B.A.T. Group R & D Centre: RD 1352 Restricted

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3833

Some further analysis of an experiment to compare the tumour-promoting activities of the condensates from cigarettes B9/1 and B9/6.

WILKES, E.B.

B.A.T. Group R &amp; D Centre: ED 1404 Restricted

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A statistical analysis of the incidence of tumour-bearing animals in

Janus experiment B9.

WILKES, E.B.

B.A.T. Group R &amp; D Centre: ED 1481 Restricted

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A statistical analysis of the incidence of tumour-bearing animals in Janus Promotion study B30/31.

WILKES, E.B.

B.A.T. Group R &amp; D Centre: ED 1517 Restricted

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A comparison of the tumorigenic activities of Janus condensates B0, B2 and B4.

WILKES, E.B.

B.A.T. Group R &amp; D Centre: ED 1537 Restricted

24 October 1977

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WILKES, E.B.

B.A.T. Group R &amp; D Centre: ED 1524 Unclassified

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BAT Group R & D Centre

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WILKES, E.B.

B.A.T. Group R & D Centre Report RD 1215-R

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Project: 4720/22

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WILKES, E.B.

B.A.T. Group R & D Centre: RD 1293 Restricted

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101461431

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