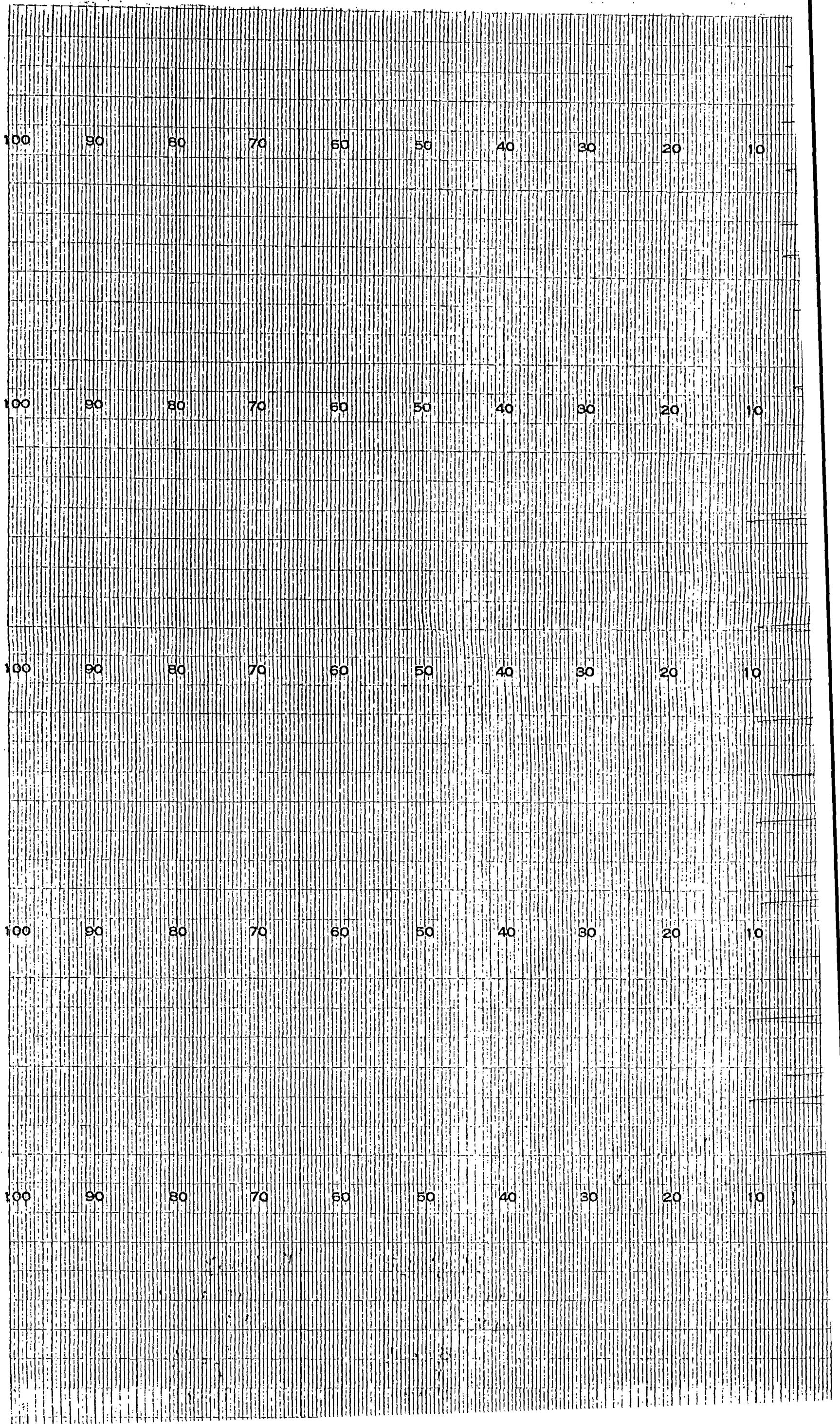


DO 130578
CONFIDENTIAL



LC50 exposure summary
(aspirator set-up)

- 50 rats used in each exposure
Chamber #6 used

I	analyt. conc. (ppm)	duration of expos. (min)	Mortality		Responses		Necropsy Results (for animals that died...)		
			during expos.	after expos.	during expos.	after expos.	during expos.	during observ. period	after 14-day observ. period
	28	120	0/5	5/5 (1 day)	lacrimation; nasal discharge; labored breathing	- gasping; - wheezing; - bloody nasal discharge			
	28	60	0/5	4/5 (1 day - 2 days - 3 days - 4 days - 5 days)	same respi.	- wt. loss - bloody nasal discharge - wheezing			
	28	30	0/5	2/5 (3 hrs. - 1 day)	same	- some wt. loss - slight bloody nasal discharge			(2) NVL
	17	12	0/5	0/5	same	- all looked fine - very slight wt. loss			(4) NVL (1) focal pneumonia
	48	120	2/5	5/5 (3 - 45 min - 5 - 18 hrs)	same, only more severe	- very sick; - "rattling" respir. - bloody nasal dis.			
	48	60	0/5	5/5 (1 - 18 min - 5 - 2 days)	same	- very sick - same			
	51	30	0/5	3/5 (2 - 18 hrs - 3 - 2 days)	same	- wt. loss; - bloody nasal dis. - labored breath.			(2) petechial hem. NVL
	51	12	0/5	0/5	same	- slight wt. loss - locked fair - immed. after & fine, later			(3) NVL (2) NVL with P hemorrhage
	51	6	0/5	0/5	same	- slight wt. loss; - locked fair - immed. after & fine, later			(4) NVL (1) focal area of pneumonia
	131	30	0/5	5/5 (4 - 18 hrs - 5 - 3 days)	same, only much faster & more severe	- bloody nasal discharge - wheezing			
	131	10	0/5	3/5 (2 - 3 days - 3 - 11 days)	same	- bloody nasal discharge			(1) NVL

L1Ct150 exposure summer y - -
(aspirator set-up)

{ - 50 lbs
each
chamber

Syringe No. T3783(5ml) setting	delivery (ml/min)	Nominal conc. (ppm)	analyt. conc. (ppm)	duration of expos. (min)	Mortality		Responses		Necropsy Result		
					during expos	after expos	during expos.	after expos.	during expos.	during observ. period	after
I	0.00994	20	28	120	0/5	5/5 (1 day)	lacrymation; nasal discharge; labored breathing	- gasping; - wheezing; - bloody nasal discharge			
I	0.00994	20	28	60	0/5	4/5 (1 day - 2 8 days - 3 14 days - 4)	same respi.	- wt. loss - bloody nasal discharge - wheezing			
I	0.00994	20	28	30	0/5	2/5 (3 hrs. 1 day)	same	- some wt. loss - slight bloody nasal disch.			(2) N
I	0.00994	20	17	12	0/5	0/5	same	- all looked fine - very slight wt. loss			(4) NVL (1) fine
H	0.0159	50	48	120	2/5	5/5 (3 - 45 min 5 - 18 hrs)	same, only more severe	- very sick; - "rattling" respir. - bloody nasal dis.			
H	0.0159	50	48	60	0/5	5/5 (1 - 18 hrs 5 - 2 days)	same	- very sick - same			
H	0.0159	50	51	30	0/5	3/5 (2 - 18 hrs 3 - 2 days)	same	- wt. loss; - bloody nasal dis. - labored breath.			(2) per NVL
H	0.0159	50	51	12	0/5	0/5	same	- slight wt. loss - locked fair immed. after & fine, later			(3) NVL (2) NVL + em
H	0.0159	50	51	6	0/5	0/5	same	- slight wt. loss; - locked fair immed. after & fine, later			(4) NVL (1) foca fine
F	0.0406	150	131	30	0/5	5/5 (4 - 18 hrs 5 - 3 days)	same, only much faster & more severe	- bloody nasal discharge - wheezing			
F	0.0406	150	131	10	0/5	3/5 (2 - 3 days 3 - 11 days)	same	- bloody nasal discharge			(1) NVL

neuropathy results (4)

	(ml/min)	(ppm)	(ppm)	expos (min)	during expos	after expos	during expos	after expos	during expos.	during obsrv period	after H-
I	0.00994	20	28	120	0/5	5/5 (1 day)	lacrimation; nasal discharge; labored breathing	- gasping; - wheezing; - bloody nasal discharge			
I	0.00994	20	28	60	0/5	4/5 (1 day - 2 days - 3 days - 4 days - 5 days)	same respi.	- wt. loss - bloody nasal discharge - wheezing			
I	0.00994	20	28	30	0/5	2/5 (3 hrs. 1 day)	same	- some wt. loss - slight bloody nasal disch.			(3) NVL
I	0.00994	20	17	12	0/5	0/5	same	- all locked fine - very slight wt. loss			(4) NVL (1) focal
H	0.0159	50	48	120	2/5	5/5 (3 - 45 min 5 - 15 hrs)	same, only more severe	- very sick; - "rattling" respir. - bloody nasal dis.			
H	0.0159	50	48	60	0/5	5/5 (1 - 15 min 5 - 2 days)	same	- very sick - same			
H	0.0159	50	51	30	0/5	3/5 (2 - 18 hrs 3 - 2 days)	same	- wt. loss; - bloody nasal dis. - labored breath.			(2) petech. NVL
H	0.0159	50	51	12	0/5	0/5	same	- slight wt. loss - locked fair immed. after & fine, later			(3) NVL (2) NVL with hemorrh
H	0.0159	50	51	6	0/5	0/5	same	- slight wt. loss; - locked fair immed. after & fine, later			(4) NVL (1) focal a
F	0.0406	150	131	30	0/5	5/5 (4 - 18 hrs 5 - 3 days)	same, only much faster & more severe	- bloody nasal discharge - wheezing			
F	0.0406	150	131	10	0/5	3/5 (2 - 3 days 3 - 11 days)	same	- bloody nasal discharge - wheezing - wt. loss			(1) NVL (1) chronic pn - white elev tumor-like

autopsy results (for animals that died...)

during observ. period after 14-day observ. period

_____	_____
_____	_____
_____	(2) NVL
_____	(4) NVL (1) focal pneumon.
_____	_____
_____	_____
_____	(2) petechial hem. NVL
_____	(3) NVL (2) NVL with P hemorrhage
_____	(4) NVL (1) focal area of pneumonia
_____	(1) NVL (1) chronic pneum. foc - white elevated tumor-like growth.

