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TABLE 20

CARCINOGENICITY STUDY WITH GLYPHOSATE TECHNICAL IN SWISS ALBINO MICE

SUMMARY OF HISTOPATHOLOGICAL (NEOPLASTIC) FINDINGS OF DEAD AND MORIBUND SACRIFICED MICE

Number in [ ]: Percentage value
Number in ( ): No. of Tissues evaluated/group

Ref.App.: 39-42 & 43-46

TISSUE AND OBSERVATION	Sex	MALES				FEMALES			
	Group No.	G1	G2	G3	G4	G1	G2	G3	G4
	Dose (ppm)	0	100	1000	10000	0	100	1000	10000
	No. of mice	22	20	22	27	16	16	20	20
	No. of mice examined	22	20	22	27	16	16	20	20
1. SALIVARY GLAND		(22)	(20)	(20)	(27)	(16)	(16)	(20)	(20)
2. ESOPHAGUS		(22)	(20)	(22)	(26)	(16)	(16)	(19)	(20)
3. STOMACH		(22)	(20)	(22)	(27)	(16)	(16)	(20)	(20)
Endometrial stromal sarcoma -infiltrative(I)		0	0	0	0	0	1 [6]	0	0
4. DUODENUM		(22)	(20)	(22)	(27)	(15)	(15)	(20)	(20)
5. JEJUNUM		(22)	(19)	(22)	(27)	(16)	(13)	(20)	(20)
6. ILEUM		(22)	(20)	(20)	(26)	(16)	(16)	(19)	(20)
7. CECUM		(22)	(20)	(22)	(27)	(16)	(16)	(20)	(20)
Adenoma(B)		1 [5]	0	0	0	0	0	0	0
8. COLON		(21)	(20)	(22)	(26)	(16)	(16)	(20)	(20)
9. RECTUM		(21)	(19)	(20)	(26)	(16)	(16)	(19)	(19)

B: Benign M: Malignant MM: Metastatic I: Infiltrative

contd.

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TABLE 20 contd.

CARCINOGENICITY STUDY WITH GLYPHOSATE TECHNICAL IN SWISS ALBINO MICE

SUMMARY OF HISTOPATHOLOGICAL (NEOPLASTIC) FINDINGS OF DEAD AND MORIBUND SACRIFICED MICE

Number in []: Percentage value
Number in (): No. of Tissues evaluated/group

Ref.App.: 39-42 & 43-46

TISSUE AND OBSERVATION	Sex	MALES				FEMALES			
	Group No.	G1	G2	G3	G4	G1	G2	G3	G4
	Dose (ppm)	0	100	1000	10000	0	100	1000	10000
	No. of mice	22	20	22	27	16	16	20	20
	No. of mice examined	22	20	22	27	16	16	20	20
10. PANCREAS		(22)	(20)	(22)	(27)	(16)	(16)	(20)	(20)
Endometrial stromal sarcoma -infiltrative(I)		0	0	0	0	0	1 [6]	0	0
11. LIVER		(22)	(20)	(22)	(27)	(16)	(16)	(20)	(20)
Hemangiosarcoma(M)		0	0	1 [5]	0	0	0	0	0
Endometrial stromal sarcoma -metastatic(MM)		0	0	0	0	0	2 [13]	1 [5]	0
Hepatocellular adenoma(B)		0	1 [5]	0	1 [4]	0	0	0	0
Hepatocellular carcinoma(M)		0	0	0	1 [4]	0	0	0	0
12. GALL BLADDER		(22)	(18)	(20)	(24)	(13)	(14)	(16)	(17)
13. LUNGS		(22)	(20)	(22)	(27)	(16)	(16)	(20)	(20)
Squamous cell carcinoma-metastatic(MM)		0	1 [5]	0	0	0	0	0	0

B: Benign M: Malignant MM: Metastatic I: Infiltrative

contd.

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TABLE 20 contd.

CARCINOGENICITY STUDY WITH GLYPHOSATE TECHNICAL IN SWISS ALBINO MICE

SUMMARY OF HISTOPATHOLOGICAL (NEOPLASTIC) FINDINGS OF DEAD AND MORIBUND SACRIFICED MICE

Number in []: Percentage value
Number in (): No. of Tissues evaluated/group

Ref.App.: 39-42 & 43-46

TISSUE AND OBSERVATION	Sex	MALES				FEMALES			
	Group No.	G1	G2	G3	G4	G1	G2	G3	G4
	Dose (ppm)	0	100	1000	10000	0	100	1000	10000
	No. of mice	22	20	22	27	16	16	20	20
	No. of mice examined	22	20	22	27	16	16	20	20
13. LUNGS		(22)	(20)	(22)	(27)	(16)	(16)	(20)	(20)
Endometrial stromal sarcoma -metastatic(MM)		0	0	0	0	0	0	1 [5]	0
Bronchio-alveolar carcinoma(M)		0	0	0	1 [4]	1 [6]	0	0	0
Bronchio-alveolar adenoma(B)		0	0	0	1 [4]	0	0	1 [5]	2 [10]
14. TRACHEA		(22)	(20)	(22)	(26)	(16)	(16)	(19)	(20)
15. HEART		(22)	(20)	(22)	(27)	(16)	(16)	(20)	(20)
16. SPLEEN		(22)	(20)	(22)	(27)	(16)	(16)	(20)	(20)
17. MESENTERIC LYMPH NODES		(22)	(20)	(22)	(25)	(16)	(16)	(20)	(20)
Hemangioma(B)		0	0	0	0	1 [6]	0	0	2 [10]
Endometrial stromal sarcoma -infiltrative(I)		0	0	0	0	0	1 [6]	0	0

B: Benign M: Malignant MM: Metastatic I: Infiltrative

contd.

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TABLE 20 contd.

CARCINOGENICITY STUDY WITH GLYPHOSATE TECHNICAL IN SWISS ALBINO MICE

SUMMARY OF HISTOPATHOLOGICAL (NEOPLASTIC) FINDINGS OF DEAD AND MORIBUND SACRIFICED MICE

Number in [ ]: Percentage value
Number in ( ): No. of Tissues evaluated/group

Ref.App.: 39-42 & 43-46

TISSUE AND OBSERVATION	Sex	MALES				FEMALES			
	Group No.	G1	G2	G3	G4	G1	G2	G3	G4
	Dose (ppm)	0	100	1000	10000	0	100	1000	10000
	No. of mice	22	20	22	27	16	16	20	20
	No. of mice examined	22	20	22	27	16	16	20	20
18. MEDIASTINAL LYMPH NODE		(-)	(-)	(2)	(2)	(1)	(-)	(1)	(1)
Endometrial stromal sarcoma -metastatic(MM)		-	-	0	0	0	-	1 [100]	0
19. MANDIBULAR LYMPH NODE		(22)	(18)	(21)	(27)	(16)	(15)	(20)	(19)
20. KIDNEYS		(22)	(20)	(22)	(27)	(16)	(16)	(20)	(20)
Endometrial stromal sarcoma -infiltrative(I)		0	0	0	0	0	1 [6]	0	0
Renal cell adenoma(B)		0	0	0	2 [7]	0	0	0	0
21. URINARY BLADDER		(22)	(20)	(22)	(27)	(16)	(16)	(20)	(20)
Endometrial stromal sarcoma -infiltrative(I)		0	0	0	0	0	0	1 [5]	0
22. TESTES		(22)	(20)	(22)	(27)	NA	NA	NA	NA
Leydig cell tumour(B)		0	0	0	1 [4]	NA NA	NA NA	NA NA	NA NA

B: Benign M: Malignant MM: Metastatic I: Infiltrative

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TABLE 20 contd.

CARCINOGENICITY STUDY WITH GLYPHOSATE TECHNICAL IN SWISS ALBINO MICE

SUMMARY OF HISTOPATHOLOGICAL (NEOPLASTIC) FINDINGS OF DEAD AND MORIBUND SACRIFICED MICE

Number in []: Percentage value
Number in (): No. of Tissues evaluated/group

Ref.App.: 39-42 & 43-46

TISSUE AND OBSERVATION	Sex	MALES				FEMALES			
	Group No.	G1	G2	G3	G4	G1	G2	G3	G4
	Dose (ppm)	0	100	1000	10000	0	100	1000	10000
	No. of mice	22	20	22	27	16	16	20	20
	No. of mice examined	22	20	22	27	16	16	20	20
23. EPIDIDYMES		(22)	(20)	(22)	(27)	NA	NA	NA	NA
24. PROSTATE		(22)	(20)	(20)	(27)	NA	NA	NA	NA
25. SEMINAL VESICLES		(22)	(20)	(22)	(27)	NA	NA	NA	NA
26. COAGULATING GLANDS		(22)	(20)	(22)	(27)	NA	NA	NA	NA
27. OVARIES		NA	NA	NA	NA	(16)	(16)	(20)	(20)
Hemangioma(B)		NA	NA	NA	NA	0	0	0	1
		NA	NA	NA	NA				[5]
Endometrial stromal sarcoma -infiltrative(I)		NA	NA	NA	NA	0	2	1	0
		NA	NA	NA	NA		[13]	[5]	
28. UTERUS		NA	NA	NA	NA	(16)	(16)	(20)	(20)
Leiomyosarcoma(M)		NA	NA	NA	NA	0	0	0	1
		NA	NA	NA	NA				[5]
Endometrial stromal sarcoma(M)		NA	NA	NA	NA	1	2	1	0
		NA	NA	NA	NA	[6]	[13]	[5]	
29. VAGINA		NA	NA	NA	NA	(-)	(1)	(1)	(-)

B: Benign M: Malignant MM: Metastatic I: Infiltrative

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TABLE 20 contd.

CARCINOGENICITY STUDY WITH GLYPHOSATE TECHNICAL IN SWISS ALBINO MICE

SUMMARY OF HISTOPATHOLOGICAL (NEOPLASTIC) FINDINGS OF DEAD AND MORIBUND SACRIFICED MICE

Number in []: Percentage value
Number in (): No. of Tissues evaluated/group

Ref.App.: 39-42 & 43-46

TISSUE AND OBSERVATION	Sex	MALES				FEMALES			
	Group No.	G1	G2	G3	G4	G1	G2	G3	G4
	Dose (ppm)	0	100	1000	10000	0	100	1000	10000
	No. of mice	22	20	22	27	16	16	20	20
	No. of mice examined	22	20	22	27	16	16	20	20
30. THYROIDS		(22)	(20)	(22)	(25)	(16)	(16)	(19)	(20)
31. PARATHYROIDS		(19)	(19)	(22)	(23)	(15)	(16)	(13)	(19)
32. PITUITARY		(22)	(20)	(21)	(27)	(14)	(16)	(17)	(18)
Adenoma(B)		0	0	0	0	0	0	0	1 [6]
33. ADRENALS		(22)	(19)	(22)	(27)	(16)	(16)	(20)	(20)
Endometrial stromal sarcoma -infiltrative(I)		0	0	0	0	0	1 [6]	0	0
34. EYES WITH OPTIC NERVE		(22)	(20)	(22)	(27)	(16)	(16)	(20)	(20)
35. BONE MARROW (SMEAR)		(22)	(20)	(22)	(27)	(16)	(16)	(20)	(19)
36. SKIN		(22)	(20)	(22)	(27)	(16)	(16)	(20)	(20)
Squamous cell carcinoma(M)		1 [5]	1 [5]	0	0	0	0	0	0
37. THYMUS		(20)	(18)	(17)	(19)	(13)	(14)	(17)	(17)

B: Benign M: Malignant MM: Metastatic I: Infiltrative

contd.

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TABLE 20 contd.

CARCINOGENICITY STUDY WITH GLYPHOSATE TECHNICAL IN SWISS ALBINO MICE

SUMMARY OF HISTOPATHOLOGICAL (NEOPLASTIC) FINDINGS OF DEAD AND MORIBUND SACRIFICED MICE

Number in []: Percentage value
Number in (): No. of Tissues evaluated/group

Ref.App.: 39-42 & 43-46

TISSUE AND OBSERVATION	Sex	MALES				FEMALES			
	Group No.	G1	G2	G3	G4	G1	G2	G3	G4
	Dose (ppm)	0	100	1000	10000	0	100	1000	10000
	No. of mice	22	20	22	27	16	16	20	20
	No. of mice examined	22	20	22	27	16	16	20	20
38. MUSCLE FEMORAL		(22)	(20)	(22)	(27)	(16)	(16)	(20)	(20)
39. SPINAL CORD		(22)	(20)	(22)	(27)	(16)	(16)	(20)	(20)
40. SCIATIC NERVES		(22)	(20)	(22)	(27)	(16)	(16)	(20)	(20)
41. MAMMARY GLAND		NA	NA	NA	NA	(16)	(16)	(20)	(20)
42. TUMOUR/MASS (Sacral)		(22)	(20)	(22)	(27)	(16)	(16)	(20)	(20)
Hemangiosarcoma(M)		0	0	0	0	0	1 [6]	0	0
43. BONE (FEMUR) WITH JOINT		(22)	(20)	(22)	(27)	(16)	(16)	(20)	(20)
Osteoma(B)		1 [5]	0	0	1 [4]	1 [6]	0	0	0
44. TAIL		(1)	(-)	(-)	(-)	(1)	(-)	(-)	(-)
Hemangioma(B)		1 [100]	-	-	-	0	-	-	-
Hemangiosarcoma(M)		0	-	-	-	1 [100]	-	-	-

B: Benign M: Malignant MM: Metastatic I: Infiltrative

contd.

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TABLE 20 contd.

CARCINOGENICITY STUDY WITH GLYPHOSATE TECHNICAL IN SWISS ALBINO MICE

SUMMARY OF HISTOPATHOLOGICAL (NEOPLASTIC) FINDINGS OF DEAD AND MORIBUND SACRIFICED MICE

Number in []: Percentage value
Number in (): No. of Tissues evaluated/group

Ref.App.: 39-42 & 43-46

TISSUE AND OBSERVATION	Sex	MALES				FEMALES			
	Group No.	G1	G2	G3	G4	G1	G2	G3	G4
	Dose (ppm)	0	100	1000	10000	0	100	1000	10000
	No. of mice	22	20	22	27	16	16	20	20
	No. of mice examined	22	20	22	27	16	16	20	20
45. MESENTERY		(2)	(2)	(1)	(1)	(3)	(5)	(5)	(4)
Endometrial stromal sarcoma -infiltrative(I)		0	0	0	0	0	1 [20]	0	0
46. STERNUM WITH MARROW		(22)	(19)	(22)	(27)	(15)	(16)	(20)	(19)
47. LYMPH NODE (OTHERS)		(3)	(5)	(4)	(3)	(5)	(5)	(5)	(1)
Endometrial stromal sarcoma -metastatic(MM)		0	0	0	0	0	0	1 [20]	0
Endometrial stromal sarcoma -infiltrative(I)		0	0	0	0	0	0	1 [20]	0
48. BRAIN-CEREBRUM		(22)	(20)	(22)	(27)	(16)	(16)	(20)	(20)
49. BRAIN-CEREBELLUM		(21)	(20)	(22)	(27)	(16)	(16)	(19)	(18)
50. BRAIN-MEDULLA		(22)	(20)	(22)	(27)	(15)	(16)	(20)	(19)
51. SUPERFICIAL.ING.L.NODE		(22)	(20)	(21)	(27)	(16)	(16)	(19)	(19)

B: Benign M: Malignant MM: Metastatic I: Infiltrative

contd.

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TABLE 20 contd.

CARCINOGENICITY STUDY WITH GLYPHOSATE TECHNICAL IN SWISS ALBINO MICE

SUMMARY OF HISTOPATHOLOGICAL (NEOPLASTIC) FINDINGS OF DEAD AND MORIBUND SACRIFICED MICE

Number in [ ]: Percentage value
Number in ( ): No. of Tissues evaluated/group

Ref.App.: 39-42 & 43-46

TISSUE AND OBSERVATION	Sex	MALES				FEMALES			
	Group No.	G1	G2	G3	G4	G1	G2	G3	G4
	Dose (ppm)	0	100	1000	10000	0	100	1000	10000
	No. of mice	22	20	22	27	16	16	20	20
	No. of mice examined	22	20	22	27	16	16	20	20
52. HEMOLYMPHORETICULAR SYSTEM		(22)	(20)	(22)	(27)	(16)	(16)	(20)	(20)
Histiocytic sarcoma(M)		1	1	0	1	0	2	1	1
		[5]	[5]		[4]		[13]	[5]	[5]
Malignant lymphoma(M)		9	12	13	13	9	10	13	12
		[41]	[60]	[59]	[48]	[56]	[63]	[65]	[60]
Myeloid leukemia(M)		2	1	1	1	2	1	2	1
		[9]	[5]	[5]	[4]	[13]	[6]	[10]	[5]

B: Benign M: Malignant MM: Metastatic I: Infiltrative

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TABLE 21

CARCINOGENICITY STUDY WITH GLYPHOSATE TECHNICAL IN SWISS ALBINO MICE

SUMMARY OF HISTOPATHOLOGICAL (NEOPLASTIC) FINDINGS OF TERMINALLY SACRIFICED MICE

Number in [ ]: Percentage value
Number in ( ): No. of Tissues evaluated/group

Ref.App.: 47-50 & 51-54

TISSUE AND OBSERVATION	Sex	MALES				FEMALES			
	Group No.	G1	G2	G3	G4	G1	G2	G3	G4
	Dose (ppm)	0	100	1000	10000	0	100	1000	10000
	No. of mice	28	30	28	23	34	34	30	30
	No. of mice examined	28	30	28	23	34	34	30	30
1. SALIVARY GLAND		(28)	(1)	(1)	(23)	(34)	(1)	(-)	(30)
2. ESOPHAGUS		(28)	(-)	(-)	(23)	(34)	(-)	(-)	(30)
3. STOMACH		(28)	(30)	(28)	(23)	(34)	(-)	(-)	(30)
4. DUODENUM		(28)	(30)	(28)	(23)	(34)	(-)	(-)	(30)
5. JEJUNUM		(28)	(-)	(-)	(23)	(33)	(34)	(30)	(30)
6. ILEUM		(27)	(-)	(-)	(23)	(34)	(34)	(30)	(30)
7. CECUM		(28)	(-)	(-)	(23)	(34)	(-)	(-)	(30)
8. COLON		(28)	(-)	(-)	(22)	(33)	(-)	(-)	(30)
9. RECTUM		(27)	(-)	(-)	(22)	(33)	(34)	(30)	(30)
10. PANCREAS		(28)	(-)	(-)	(23)	(34)	(-)	(-)	(30)

B: Benign M: Malignant MM: Metastatic I: Infiltrative

contd.

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TABLE 21 contd.

CARCINOGENICITY STUDY WITH GLYPHOSATE TECHNICAL IN SWISS ALBINO MICE

SUMMARY OF HISTOPATHOLOGICAL (NEOPLASTIC) FINDINGS OF TERMINALLY SACRIFICED MICE

Number in [ ]: Percentage value
Number in ( ): No. of Tissues evaluated/group

Ref.App.: 47-50 & 51-54

TISSUE AND OBSERVATION	MALES				FEMALES			
Sex								
Group No.	G1	G2	G3	G4	G1	G2	G3	G4
Dose (ppm)	0	100	1000	10000	0	100	1000	10000
No. of mice	28	30	28	23	34	34	30	30
No. of mice examined	28	30	28	23	34	34	30	30
11. LIVER	(28)	(5)	(6)	(23)	(34)	(4)	(2)	(30)
Hepatocellular adenoma(B)	4	4	3	2	2	1	2	2
	[14]	[80]	[50]	[9]	[6]	[25]	[100]	[7]
Hepatocellular carcinoma(M)	1	0	0	1	0	0	0	0
	[4]			[4]				
12. GALL BLADDER	(27)	(-)	(-)	(22)	(32)	(-)	(-)	(30)
13. LUNGS	(28)	(2)	(-)	(23)	(34)	(-)	(1)	(30)
Bronchio-alveolar adenoma(B)	0	2	-	0	1	-	1	1
		[100]			[3]		[100]	[3]
14. TRACHEA	(28)	(-)	(-)	(23)	(34)	(-)	(-)	(30)
15. HEART	(28)	(2)	(-)	(23)	(34)	(-)	(-)	(30)
16. SPLEEN	(28)	(30)	(27)	(23)	(34)	(33)	(27)	(30)
17. MESENTERIC LYMPH NODES	(28)	(29)	(27)	(23)	(34)	(32)	(28)	(30)
Hemangioma(B)	1	0	0	1	0	0	0	2
	[4]			[4]				[7]
Hemangiosarcoma(M)	0	0	1	0	0	0	0	0
			[4]					

B: Benign M: Malignant MM: Metastatic I: Infiltrative

contd.

RALLIS RESEARCH CENTRE
Peenya, Bangalore - 560 058.

TABLE 21 contd.

CARCINOGENICITY STUDY WITH GLYPHOSATE TECHNICAL IN SWISS ALBINO MICE

SUMMARY OF HISTOPATHOLOGICAL (NEOPLASTIC) FINDINGS OF TERMINALLY SACRIFICED MICE

Number in [ ]: Percentage value
Number in ( ): No. of Tissues evaluated/group

Ref.App.: 47-50 & 51-54

TISSUE AND OBSERVATION	Sex	MALES				FEMALES			
	Group No.	G1	G2	G3	G4	G1	G2	G3	G4
	Dose (ppm)	0	100	1000	10000	0	100	1000	10000
	No. of mice	28	30	28	23	34	34	30	30
	No. of mice examined	28	30	28	23	34	34	30	30
18. MEDIASTINAL LYMPH NODE		(-)	(-)	(-)	(1)	(1)	(-)	(-)	(-)
19. MANDIBULAR LYMPH NODE		(28)	(30)	(28)	(23)	(34)	(33)	(28)	(30)
20. KIDNEYS		(28)	(6)	(4)	(23)	(34)	(2)	(1)	(30)
Malignant hybernoma-infiltrative(I)		1 [4]	0	0	0	0	0	0	0
Renal cell adenoma(B)		0	0	1 [25]	0	0	0	0	0
21. URINARY BLADDER		(28)	(-)	(-)	(23)	(34)	(-)	(-)	(30)
22. TESTES		(28)	(1)	(1)	(23)	NA	NA	NA	NA
Leydig cell tumour(B)		1 [4]	1 [100]	0	1 [4]	NA NA	NA NA	NA NA	NA NA
23. EPIDIDYMES		(28)	(1)	(-)	(23)	NA	NA	NA	NA
Leiomyoma(B)		0	1 [100]	-	0	NA NA	NA NA	NA NA	NA NA
24. PROSTATE		(28)	(-)	(-)	(23)	NA	NA	NA	NA

B: Benign M: Malignant MM: Metastatic I: Infiltrative

contd.

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TABLE 21 contd.

CARCINOGENICITY STUDY WITH GLYPHOSATE TECHNICAL IN SWISS ALBINO MICE

SUMMARY OF HISTOPATHOLOGICAL (NEOPLASTIC) FINDINGS OF TERMINALLY SACRIFICED MICE

Number in []: Percentage value
Number in (): No. of Tissues evaluated/group

Ref.App.: 47-50 & 51-54

TISSUE AND OBSERVATION	Sex	MALES				FEMALES			
	Group No.	G1	G2	G3	G4	G1	G2	G3	G4
	Dose (ppm)	0	100	1000	10000	0	100	1000	10000
	No. of mice	28	30	28	23	34	34	30	30
	No. of mice examined	28	30	28	23	34	34	30	30
25. SEMINAL VESICLES		(28)	(18)	(10)	(23)	NA	NA	NA	NA
26. COAGULATING GLANDS		(27)	(-)	(-)	(22)	NA	NA	NA	NA
27. OVARIES		NA	NA	NA	NA	(34)	(13)	(13)	(29)
Granulosa cell tumour(B)		NA	NA	NA	NA	0	0	0	1
		NA	NA	NA	NA				[3]
Luteoma(B)		NA	NA	NA	NA	0	0	0	1
		NA	NA	NA	NA				[3]
28. UTERUS		NA	NA	NA	NA	(34)	(15)	(10)	(30)
Leiomyoma(B)		NA	NA	NA	NA	0	0	1	0
		NA	NA	NA	NA			[10]	
Endometrial stromal sarcoma(M)		NA	NA	NA	NA	1	0	2	1
		NA	NA	NA	NA	[3]		[20]	[3]
29. VAGINA		NA	NA	NA	NA	(2)	(-)	(-)	(2)
30. THYROIDS		(28)	(-)	(-)	(23)	(34)	(-)	(-)	(30)
31. PARATHYROIDS		(25)	(-)	(-)	(22)	(30)	(-)	(-)	(29)

B: Benign M: Malignant MM: Metastatic I: Infiltrative

contd.

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TABLE 21 contd.

CARCINOGENICITY STUDY WITH GLYPHOSATE TECHNICAL IN SWISS ALBINO MICE

SUMMARY OF HISTOPATHOLOGICAL (NEOPLASTIC) FINDINGS OF TERMINALLY SACRIFICED MICE

Number in []: Percentage value
Number in (): No. of Tissues evaluated/group

Ref.App.: 47-50 & 51-54

TISSUE AND OBSERVATION	Sex	MALES				FEMALES			
	Group No.	G1	G2	G3	G4	G1	G2	G3	G4
	Dose (ppm)	0	100	1000	10000	0	100	1000	10000
	No. of mice	28	30	28	23	34	34	30	30
	No. of mice examined	28	30	28	23	34	34	30	30
32. PITUITARY		(27)	(-)	(-)	(23)	(34)	(-)	(-)	(30)
33. ADRENALS		(28)	(-)	(-)	(23)	(34)	(-)	(-)	(29)
Subcapsular cell adenoma(B)		0	-	-	0	0	-	-	1 [3]
Pheochromocytoma(B)		0	-	-	0	0	-	-	1 [3]
34. EYES WITH OPTIC NERVE		(28)	(-)	(1)	(23)	(34)	(2)	(1)	(30)
35. BONE MARROW (SMEAR)		(28)	(-)	(-)	(23)	(34)	(-)	(-)	(30)
36. SKIN		(28)	(8)	(9)	(23)	(34)	(8)	(4)	(30)
Squamous cell carcinoma(M)		0	0	0	0	0	1 [13]	1 [25]	0
37. THYMUS		(24)	(-)	(-)	(19)	(33)	(-)	(-)	(30)
Lymphoma(B)		0	-	-	0	1 [3]	-	-	0
38. MUSCLE FEMORAL		(28)	(-)	(-)	(23)	(34)	(-)	(-)	(30)

B: Benign M: Malignant MM: Metastatic I: Infiltrative

contd.

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TABLE 21 contd.

CARCINOGENICITY STUDY WITH GLYPHOSATE TECHNICAL IN SWISS ALBINO MICE

SUMMARY OF HISTOPATHOLOGICAL (NEOPLASTIC) FINDINGS OF TERMINALLY SACRIFICED MICE

Number in []: Percentage value
Number in (): No. of Tissues evaluated/group

Ref.App.: 47-50 & 51-54

TISSUE AND OBSERVATION	MALES				FEMALES			
Sex								
Group No.	G1	G2	G3	G4	G1	G2	G3	G4
Dose (ppm)	0	100	1000	10000	0	100	1000	10000
No. of mice	28	30	28	23	34	34	30	30
No. of mice examined	28	30	28	23	34	34	30	30
39. SPINAL CORD	(28)	(-)	(-)	(23)	(34)	(-)	(-)	(30)
40. SCIATIC NERVES	(28)	(-)	(-)	(23)	(34)	(-)	(-)	(30)
41. MAMMARY GLAND	NA	NA	NA	NA	(34)	(1)	(-)	(30)
Adenocarcinoma(M)	NA	NA	NA	NA	1	0	-	1
	NA	NA	NA	NA	[3]			[3]
42. TUMOUR/MASS	(-)	(-)	(-)	(1)	(-)	(-)	(-)	(1)
Hemangioma(B)	-	-	-	1	-	-	-	0
				[100]				
43. BONE (FEMUR) WITH JOINT	(28)	(-)	(-)	(23)	(34)	(2)	(1)	(30)
Osteoma(B)	0	-	-	0	0	2	1	3
						[100]	[100]	[10]
44. MESENTERY	(-)	(-)	(-)	(1)	(2)	(1)	(1)	(2)
Lipoma(B)	-	-	-	1	1	0	1	0
				[100]	[50]		[100]	
Endometrial stromal sarcoma -infiltrative(I)	-	-	-	0	0	0	0	1
								[50]

B: Benign M: Malignant MM: Metastatic I: Infiltrative

contd.

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TABLE 21 contd.

CARCINOGENICITY STUDY WITH GLYPHOSATE TECHNICAL IN SWISS ALBINO MICE

SUMMARY OF HISTOPATHOLOGICAL (NEOPLASTIC) FINDINGS OF TERMINALLY SACRIFICED MICE

Number in []: Percentage value
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TISSUE AND OBSERVATION	Sex	MALES				FEMALES			
	Group No.	G1	G2	G3	G4	G1	G2	G3	G4
	Dose (ppm)	0	100	1000	10000	0	100	1000	10000
	No. of mice	28	30	28	23	34	34	30	30
	No. of mice examined	28	30	28	23	34	34	30	30
45. STERNUM WITH MARROW		(28)	(-)	(-)	(23)	(34)	(-)	(-)	(30)
46. LYMPH NODE (OTHERS)		(5)	(3)	(5)	(2)	(3)	(9)	(3)	(6)
47. BRAIN-CEREBRUM		(28)	(-)	(-)	(23)	(34)	(-)	(-)	(30)
48. BRAIN-CEREBELLUM		(28)	(-)	(-)	(23)	(33)	(-)	(-)	(29)
49. BRAIN-MEDULLA		(28)	(-)	(-)	(23)	(33)	(-)	(-)	(30)
50. SNOUT		(2)	(5)	(5)	(2)	(1)	(4)	(1)	(-)
51. SUPERFICIAL.ING.L.NODE		(28)	(1)	(2)	(23)	(34)	(4)	(1)	(30)
52. HEMOLYMPHORETICULAR SYSTEM		(28)	(30)	(28)	(23)	(34)	(34)	(30)	(30)
Histiocytic sarcoma(M)		1 [4]	0	0	0	0	0	0	1 [3]
Malignant lymphoma(M)		1 [4]	3 [10]	3 [11]	6 [26]	9 [26]	10 [29]	6 [20]	13 [43]
Myeloid leukemia(M)		1 [4]	0	0	0	0	0	0	0

B: Benign M: Malignant MM: Metastatic I: Infiltrative

contd.

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TABLE 21 contd.

CARCINOGENICITY STUDY WITH GLYPHOSATE TECHNICAL IN SWISS ALBINO MICE

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TISSUE AND OBSERVATION	Sex	MALES				FEMALES			
	Group No.	G1	G2	G3	G4	G1	G2	G3	G4
	Dose (ppm)	0	100	1000	10000	0	100	1000	10000
	No. of mice	28	30	28	23	34	34	30	30
	No. of mice examined	28	30	28	23	34	34	30	30
53. BONE (OTHERS)		(-)	(-)	(-)	(-)	(-)	(-)	(1)	(1)
Osteoma(B)		-	-	-	-	-	-	1 [100]	1 [100]

B: Benign M: Malignant MM: Metastatic I: Infiltrative

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