

**Distribution of Radioactivity 0.5 to 168 Hours Following Intravenous Administration
of 5 mg/kg [¹³C]Fullerenes-C60 in Male F344 Rats – Group C**

Disposition in Selected Tissue and Excreta – Average C60 Concentration (µg/g)

Time (h) ^a	Blood Mean	Blood SD ^b	Spleen Mean	Spleen SD	Liver Mean	Liver SD	Kidney Mean	Kidney SD	Lung Mean	Lung SD	Feces Mean	Feces SD	Urine Mean	Urine SD
0.5	0.1	0.1	38	13	85	26	22	3	79	8	ND	ND	ND	ND
2	BLQ ^c	–	76	18	100	23	28	3	68	15	ND	ND	ND	ND
6	BLQ	–	80	27	96	92	25	10	50	9	ND	ND	ND	ND
24	BLQ	–	93	7	92	17	17	10	31	0.3	BLQ	–	BLQ	–
48	ND ^d	ND	ND	ND	ND	ND	ND	ND	ND	ND	BLQ	–	BLQ	–
72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	BLQ	–	BLQ	–
96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	BLQ	–	BLQ	–
120	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	BLQ	–	BLQ	–
144	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	BLQ	–	BLQ	–
168	BLQ	–	57	30	97	45	0.25	0.3	19	2	BLQ	–	BLQ	–

^ah = hour

^bSD = standard deviation

^cBLQ = below the limit of quantitation (1-5 nag/mL dependent on sample matrix)

^dND = not determined (no sample)

4 animals/time point were dosed with 4 animals as controls.

Animals were jugular vein-cannulated by the vendor.

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C60)_K04089_GroupC_IV_5_Rat_Male_168h_Excres&Tissue_28m.docx
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