

**Distribution of Radioactivity 72 Hours Following Intravenous Administration of
[¹⁴C]Bisphenol AF (34 mg/kg) in to Female B6C3F₁/N Mice – Group 12**

Percent of Dose Recovered in Excreta

Sample	Collection Interval (h)	12_01	12_02	12_03	12_04	Mean	SD
Urine	0 to 8	N.S.	6.74	N.S.	N.S.	1.69	3.37
Urine	8 to 24	11.2	5.77	N.S.	4.68	5.41	4.6
Urine	24 to 48	2.05	3.63	3.51	7.46	4.16	2.31
Urine	48 to 72 ^a	0.67	0.84	0.63	1.74	0.97	0.52
Cage Rinse	72	4.36	1.87	3.49	5.37	3.77	1.48
-	Subtotal	18.28	18.85	7.63	19.25	16.00	5.60
Feces	0 to 24	55.4	54.5	53.7	46.9	52.6	3.88
Feces	24 to 48	5.09	3.04	12.6	9.35	7.52	4.29
Feces	48 to 72	4.18	3.21	2.36	1.52	2.82	1.14
-	Subtotal	64.7	60.8	68.7	57.8	63.0	4.7
Total	-	83.0	79.6	76.3	77.0	79.0	3.0

Distribution in Tissues (72 h)

Tissue	ng-eq/g Mean	ng-eq/g SD	TBR Mean ^b	TBR SD	Percent Recovery Mean	Percent Recovery SD
Adipose Perirenal ^b	NS	-	NS	-	NS	-
Bladder	BLOQ	-	BLOQ	-	BLOQ	-
Muscle (hind leg) ^b	14.8	-	0.345	-	0.016	-
Skin (abdominal) ^b	92	38	2.7	1.7	0.042	0.017
Blood ^b	39	19	1	0	0.005	0.003
Plasma ^b	56	16	1.6	0.4	0.005	0.002
Spleen	41	34	0.95	0.39	<0.005	0<0.005
Liver	784	54	23.4	9.93	0.095	0.011
Kidney	239	16	7.26	3.28	0.011	0.001
Brain	0.27	0.54	0.006	0.013	<0.005	<0.005
Heart	9.7	7.1	0.24	0.12	<0.005	<0.005
Lung	119	47	3.2	0.7	0.003	0.001
Stomach	180	92	4.6	2.4	0.006	0.002
Cecum	510	340	12	7.4	0.007	0.003
Large Intestine	200	87	5.2	1.6	0.005	0.002
Small Intestine	348	152	9.12	1.12	0.040	0.018
Thyroid	BLOQ	-	BLOQ	-	BLOQ	-
Ovaries	BLOQ	-	BLOQ	-	BLOQ	-
Pancreas	65	31	2.2	1.7	0.002	0.001
Uterus	66	89	1.4	1.3	0.001	0.001
Gall Bladder	2500	2000	94	88	0.003	0.004
Total	-	-	-	-	0.228	0.043

Disposition Summary – Percent of Dose Recovered

Sample	12_01	12_02	12_03	12_04	Mean	SD
Urine ^c	18.3	18.9	7.63	19.3	16.0	5.60
Feces	64.7	60.8	68.7	57.8	63.0	4.73
GI Tract Contents	0.11	0.17	0.1	0.13	0.13	0.03
Tissues	0.21	0.28	0.24	0.18	0.23	0.04
Total	83.3	80.1	76.6	77.3	79.3	3.0

N.S. = no sample and N.A.= not applicable; BLOQ=below limit of quantitation. \$Aliquot DPM < 3 x background (ca. 20-30 DPM)
DPM was defined as BLOQ.

^a Includes urine present in bladder at time of sacrifice.

^b Tissue weights for dispersed tissues were calculated based on body weight as follows: adipose 7.0%, muscle 40.4%, skin 19%, blood 7.4%, and plasma 4.3%.

^c Includes cage rinse and urine present in bladder at time of sacrifice.