

**Distribution of Radioactivity 72 Hours Following Intravenous Administration of
[¹⁴C]Bisphenol AF (34 mg/kg) to Male B6C3F1/N Mice – Group 10**

Percent of Dose Recovered in Excreta

Sample	Collection Interval (h)	10_01	10_02	10_04	Mean	SD
Urine	0 to 8	N.S.	N.S.	4.57	1.52	2.64
Urine	8 to 24	4.58	1.36	N.S.	1.98	2.35
Urine	24 to 48	1.37	0.44	0.74	0.85	0.48
Urine	48 to 72 ^a	0.29	0.28	0.38	0.32	0.06
Cage Rinse	72	6.02	1.53	4.86	4.14	2.33
-	Subtotal	12.3	3.61	10.6	8.81	4.58
Feces	0 to 24	55.4	71.1	63.5	63.3	7.85
Feces	24 to 48	5.65	3.45	2.63	3.91	1.56
Feces	48 to 72	1.32	1.1	1.05	1.16	0.14
-	Subtotal	62.4	75.7	67.2	68.4	6.7
Total	-	74.6	79.3	77.7	77.2	2.4

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	BLOQ	-	BLOQ	-	BLOQ	-
Bladder	45	18	0.84	0.380	<0.005	<0.005
Muscle (hind leg) ^b	28	-	0.55	-	0.033	-
Skin (abdominal) ^b	59	21	1.1	0.44	0.029	0.011
Blood ^b	54	3	Unity	-	0.008	<0.005
Plasma ^b	31	6	0.58	0.12	0.002	0.001
Spleen	77	11	1.4	0.20	<0.005	0<0.005
Liver	362	49	6.75	0.82	0.045	0.003
Kidney	128	6	2.40	0.23	0.006	<0.005
Brain	9.6	-	0.19	-	0.001	-
Heart	36	1	0.67	0.05	0.001	<0.005
Lung	118	25	2.23	0.54	0.003	0.001
Stomach	120	52	2.3	0.8	0.003	0.001
Cecum	680	54	13	0	0.008	0.005
Large Intestine	180	62	3.3	1.2	0.005	0.003
Small Intestine	298	109	5.51	1.68	0.029	0.01
Thyroid	BLOQ	-	BLOQ	-	BLOQ	-
Testes	15	1	0.28	0.03	<0.005	<0.005
Pancreas	35	2	0.64	0.08	0.001	<0.005
Gall Bladder	2400	1300	45	27	0<0.005	<0.005
Total	-	-	-	-	0.148	0.024

Disposition Summary – Percent of Dose Recovered

Sample	10_01	10_02	10_04	Mean	SD
Urine ^c	12.0	3.33	10.2	8.49	4.56
Feces	62.4	75.7	67.2	68.4	5.49
GI Tract Contents	0.09	0.08	0.13	0.10	0.03
Tissues	0.17	0.13	0.15	0.15	0.02
Total	74.6	79.3	77.3	77.2	2.4

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.