

**Distribution of Radioactivity 72 Hours Following Gavage Administration of [¹⁴C]Bisphenol AF
(34 mg/kg) to Female Harlan Sprague Dawley Rats – Group 6**

Percent of Dose Recovered in Excreta

Sample	Collection Interval (h)	6-01	6-02	6-03	6-04	Mean	SD
Urine	0 to 8	0.53	0.51	0.42	0.48	0.49	0.05
Urine	8 to 24	3.56	2.57	4.69	1.32	3.04	1.43
Urine	24 to 48	7.07	2.79	4.27	1.83	3.99	2.29
Urine	48 to 72 ^a	2.48	0.83	1.51	1.57	1.6	0.68
Cage Rinse	72	2.87	7.3	4.42	10.5	6.27	3.36
-	Subtotal	16.51	14	15.31	15.7	15.4	1.05
Feces	0 to 24	5.34	17.8	12.9	22.7	14.7	7.4
Feces	24 to 48	33.9	43.3	32.6	25.1	33.7	7.47
Feces	48 to 72	19.7	14.5	20.3	9.88	16.1	4.89
-	Subtotal	58.9	75.6	65.8	57.7	64.5	8.2
Total	-	75.5	89.6	81.1	73.4	79.9	7.2

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 ^c	180	54	2.6	0.7	0.033	0.009
Bladder	150	160	3.4	2.2	<0.005	<0.005
Muscle (hind leg) ^c	20	9	0.33	0.08	0.022	0.009
Skin (abdominal) ^c	50	26	0.86	0.23	0.025	0.012
Blood ^c	79	5	1	-	0.016	0.001
Plasma ^c	120	2	1.5	0.1	0.014	0.001
Spleen	47	20	0.62	0.39	<0.005	<0.005
Liver	1360	946	24.1	12.8	0.136	0.082
Kidney	376	216	6.55	2.38	0.008	0.004
Brain	13	10	0.27	0.08	<0.005	0.001
Heart	48	25	0.88	0.01	0.001	0.001
Lung	96	52	1.8	0.00	0.002	0.001
Stomach	5060	6300	66.7	83.9	0.114	0.143
Cecum	4030	3420	88.2	5.6	0.042	0.039
Large Intestine	1190	1270	26.1	20.2	0.025	0.029
Small Intestine	5290	5240	125	9	0.304	0.307
Thyroid	59	34	1.0	0.4	<0.005	<0.005
Ovaries	100	88	2.1	0.8	<0.005	<0.005
Pancreas	190	160	3.8	2.8	0.004	0.002
Uterus	76	58	1.6	0.2	0.001	0.001
Total	-	-	-	-	0.673	0.535

Disposition Summary – Percent of Dose Recovered

Sample	6-01	6-02	6-03	6-04	Mean	SD
Urine ^d	16.5	14.0	15.3	15.7	15.4	1.0
Feces	58.9	75.6	65.8	57.7	64.5	8.22
GI Tract Contents	4.57	0.28	1.16	9.23	3.81	4.06
Tissues	0.992	0.231	0.207	1.26	0.673	0.535
Total	80.9	90.1	82.5	83.9	84.4	4.0

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

^b Blood was BLOQ for 6-02 and 6-03 so TBR were not calculated for those rats. For TBR, N=2.

^c 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%.

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