Distribution of Radioactivity 72 Hours Following Gavage Administration of [^{14}C]Bisphenol AF (34 mg/kg) to Male Harlan Sprague Dawley Rats – Group 2

Percent of Dose Recovered in Excreta

Sample	Collection Interval (h)	2-01	2-02	2-03	2-04	Mean	SD
Urine	0 to 8	0.14	0.12	0.11	0.15	0.13	0.02
Urine	8 to 24	0.23	0.35	0.13	0.39	0.28	0.12
Urine	24 to 48	0.11	0.14	0.13	0.2	0.15	0.04
Urine	48 to 72[a]	0.07	0.04	0.05	0.13	0.07	0.04
Cage Rinse	72	1.76	0.76	1.06	11.2	3.7	5.02
-	**Subtotal**	**2.31**	**1.41**	**1.48**	**12.07**	**4.32**	**5.18**
Feces	0 to 24	8.76	16.2	3.2	24.6	13.2	9.29
Feces	24 to 48	54.7	41.6	35.5	39.7	42.9	8.29
Feces	48 to 72	15.3	23.5	38.3	5.76	20.7	13.8
-	**Subtotal**	**78.8**	**81.3**	**77**	**70.1**	**76.8**	**4.8**
Total	**-**	**81.1**	**82.7**	**78.5**	**82.2**	**81.1**	**1.9**

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]	248	77.7	4.23	1.48	0.048	0.015
Bladder	47	15	0.98	0.34	<0.005	<0.005
Muscle (hind leg)[c]	16	2	0.30	0.05	0.017	0.003
Skin (abdominal)[c]	33	11	0.70	0.11	0.018	0.006
Blood[c]	53	3	1	-	0.011	0.001
Plasma[c]	75	31	1.6	0.51	0.009	0.003
Spleen	79	95	1.9	2.1	<0.005	0.001
Liver	1610	85	31.0	2.1	0.159	0.014
Kidney	237	36	4.65	0.66	0.005	0.001
Brain	9.1	2.8	0.16	0.06	<0.005	<0.005
Heart	45	23	0.95	0.54	<0.005	0.001
Lung	65.6	9.4	1.3	0.2	0.001	<0.005
Stomach	599	181	11.4	4.0	0.012	0.006
Cecum	7980	4290	160	85	0.069	0.035
Large Intestine	1570	1050	35.1	16.6	0.028	0.022
Small Intestine	3640	2420	83.7	45.7	0.210	0.151
Thyroid	50	21	0.84	0.39	<0.005	<0.005
Testes	14	4	0.29	0.06	0.001	0.001
Pancreas	117	66.6	2.70	1.14	0.001	0.001
Total	**-**	**-**	**-**	**-**	**0.578**	**0.178**

Disposition Summary – Percent of Dose Recovered

Sample	2-01	2-02	2-03	2-04	Mean	SD
Urine[d]	2.31	1.41	1.48	12.07	4.32	5.18
Feces	78.8	81.3	77	70.1	76.8	4.8
GI Tract Contents	1.32	1.55	7.06	1.1	2.76	2.87
Tissues	0.351	0.548	0.64	0.774	0.578	0.178
Total	**82.8**	**84.8**	**86.2**	**84.0**	**84.5**	**1.4**

[a] Includes urine present in bladder at time of sacrifice.

[b] Blood concentration was BLOQ for 2-01, so no TBR was calculated for that rat, for TBR, N=3.

[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.