

**Distribution of Radioactivity 72 Hours Following Dermal Application of [¹⁴C]Triclocarban
(3%, 15 mg/kg) to Male Harlan Sprague Dawley Rats with Uncovered Dose Sites – Group 14**

Percent of Dose Recovered in Excreta

Sample	Time Point (h)	14_01	14_02	14_03	14_04	Mean	SD
Urine	8	0.084	0.543	0.123	0.039	0.19	0.23
Urine	24	1.28	1.38	1.35	0.656	1.17	0.34
Urine	48	0.488	0.59	0.461	0.52	0.51	0.05
Urine	72 ^a	0.314	0.138	0.153	0.264	0.21	0.08
-	Subtotal	2.17	2.65	2.09	1.48	2.1	0.47
Cage Rinse	8	3.38	2.11	5.46	3.33	3.57	1.39
Cage Rinse	24	3.34	4.83	3.24	5.2	4.15	1.01
Cage Rinse	48	1.01	1.27	0.779	1.86	1.23	0.46
Cage Rinse	72	0.797	0.591	0.682	0.681	0.68	0.08
Cage Rinse Acetone	72	0.785	0.332	0.32	0.62	0.51	0.22
-	Subtotal	9.31	9.13	10.5	11.7	10.2	1.19
Urine + Cage Rinse	Subtotal	11.5	11.8	12.6	13.2	12.3	0.77
Feces	24	29	21.2	19.1	14.9	21.1	5.92
Feces	48	12.7	25.1	15.4	23.6	19.2	6.09
Feces	72	7.41	6.33	4.92	6.72	6.34	1.05
-	Subtotal	49.1	52.7	39.4	45.3	46.6	5.68
Total	-	60.6	64.4	52	58.4	58.9	5.22

Distribution in Tissues (72 h)

Sample ^b	ng-eq/g Mean	ng-eq/g SD	TBR Mean	TBR SD	Recovery Mean	Recovery SD
Adipose (kidney)	33	4	0.66	0.11	0.015	0.002
Bladder	354	158	6.79	2.83	<0.001	<0.001
Blood	51	6	1	0	0.024	0.003
Brain	7	1	0.16	0.05	<0.001	<0.001
Cecum	635	543	12.4	10.2	0.011	0.009
Heart	25	2	0.49	0.03	<0.001	<0.001
Kidney	244	22	4.77	0.64	0.012	0.001
Large Intestine	484	471	9.32	8.86	0.016	0.015
Liver	261	71	4.03	2.8	0.058	0.015
Lung	52	10	1.02	0.16	0.001	0
Muscle (hind leg)	20	11	0.39	0.21	0.052	0.028
Pancreas	38	8	0.75	0.18	<0.001	<0.001
Plasma	60	12	1.17	0.12	0.016	0.002
Skin	174	18	3.42	0.63	0.216	0.026
Small Intestine	853	400	16.5	7.23	0.085	0.038
Spleen	25	0	0.5	0.05	<0.001	<0.001
Stomach	534	368	10.1	6.02	0.018	0.012
Testes	14	2	0.28	0.04	0.001	0
Thyroid	37	7	0.75	0.27	<0.001	<0.001
Total	-	-	-	-	0.52	0.111

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Disposition Summary – Percent of Dose Recovered

Sample	14_01	14_02	14_03	14_04	Mean	SD
Absorbed	-	-	-	-	-	-
Urine ^{a, c}	11.5	11.8	12.6	13.2	12.3	0.8
Feces	49.1	52.6	39.4	45.8	46.76	5.7
Tissues	0.404	0.468	0.546	0.663	0.52	0.111
GI Tract Contents	2.95	2.51	2.56	3.86	2.97	0.63
GI Tract Rinse	0.049	0.049	0.067	12.4	3.13	6.15
Subtotal	63.99	67.44	55.16	75.91	65.63	8.59
Unabsorbed	-	-	-	-	-	-
Dose site skin rinse	3.87	4	5.51	3.93	4.33	0.79
Gauze-1 (Aqueous)	0.155	0.193	0.197	0.181	0.18	0.02
Gauze-2 (Solvent)	2.37	3.02	3.15	3.15	2.92	0.37
Gauze-3	0.298	0.137	0.302	0.157	0.22	0.09
Gauze-4	0.10	0.09	0.23	0.16	0.15	0.07
Subtotal	6.8	7.4	9.4	7.6	7.8	1.1
Dose site skin	4.8	5.34	12.7	7.12	7.48	3.6
Total	75.6	80.2	77.3	90.6	80.8	6.46

^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%, and blood 7.4%.

^c Includes cage rinse.

^d Plasma recovery based on analyzed aliquots only.

SD = standard deviation.

TBR = Tissue to blood ratio.