SIMPLE. ACCURATE. RELIABLE.

Topi-Pump Rx®

Metered Dosing for Topical Pharmaceuticals

Accuracy Reliability Study



Topi-Pump #6

Pump Type: . . . . . 1.0ml Butyl
Pouch Type: . . . . . 120ml LDPE
Trial: . . . . . 60-day period (2 pumps per day)

Filled Total Weight (gm): . . . . . 155.96 gm
Weight of Product: . . . . . 132.83 gm
Weight of 1ml of Product: . . . . . 1 gm
No. of Priming Strokes: 6
Change in Color: . . . . . No
Other: . . . . . Some bubbles
Product: . . . . . Base Cream

DAY	PUMP #	DOSAGE (grams)
1	1	**0.97**
	2	**0.98**
2	3	**1.00**
	4	**1.02**
3	5	**1.01**
	6	**1.04**
4	7	**1.03**
	8	**1.02**
5	9	**1.04**
	10	**1.03**
6	11	**1.00**
	12	**1.03**
7	13	**0.99**
	14	**1.00**
8	15	**1.03**
	16	**1.03**
9	17	**1.04**
	18	**0.97**
10	19	**1.00**
	20	**1.03**

DAY	PUMP #	DOSAGE (grams)
11	21	**1.02**
	22	**1.00**
12	23	**1.04**
	24	**1.00**
13	25	**0.97**
	26	**0.98**
14	27	**0.96**
	28	**1.00**
15	29	**1.04**
	30	**1.01**
16	31	**1.00**
	32	**0.99**
17	33	**0.96**
	34	**0.95**
18	35	**0.97**
	36	**1.00**
19	37	**0.95**
	38	**0.98**
20	39	**0.99**
	40	**0.97**

DAY	PUMP #	DOSAGE (grams)
21	41	**1.03**
	42	**1.00**
22	42	**1.02**
	44	**1.01**
23	45	**1.04**
	46	**0.99**
24	47	**0.96**
	48	**1.04**
25	49	**1.01**
	50	**1.00**
26	51	**1.01**
	52	**0.98**
27	53	**0.99**
	54	**0.97**
28	55	**1.00**
	56	**0.98**
29	57	**0.96**
	58	**0.96**
30	59	**0.99**
	60	**0.95**

Topi-Pump #6 *trial data cont'd.*

Pump Type:. . . . . 1.0ml Butyl
Pouch Type:. . . . . 120ml LDPE
Trial:. . . . . 60-day period (2 pumps per day)

DAY	PUMP #	DOSAGE (grams)
31	61	**1.01**
	62	**1.00**
32	63	**1.04**
	64	**1.00**
33	65	**1.03**
	66	**1.01**
34	67	**1.02**
	68	**1.03**
35	69	**1.05**
	70	**1.04**
36	71	**1.01**
	72	**0.95**
37	73	**0.99**
	74	**0.96**
38	75	**1.01**
	76	**1.01**
39	77	**1.05**
	78	**1.00**
40	79	**0.98**
	80	**0.97**

DAY	PUMP #	DOSAGE (grams)
41	81	**1.00**
	82	**1.04**
42	83	**1.01**
	84	**1.00**
43	85	**0.96**
	86	**0.99**
44	87	**0.97**
	88	**1.01**
45	89	**0.98**
	90	**0.99**
46	91	**1.00**
	92	**1.01**
47	93	**0.98**
	94	**1.00**
48	95	**1.01**
	96	**1.00**
49	97	**0.96**
	98	**0.99**
50	99	**1.02**
	100	**1.03**

DAY	PUMP #	DOSAGE (grams)
51	101	**1.04**
	102	**1.00**
52	103	**1.02**
	104	**1.04**
53	105	**0.99**
	106	**0.99**
54	107	**0.96**
	108	**0.95**
55	109	**0.97**
	110	**1.00**
56	111	**0.95**
	112	**0.98**
57	113	**0.99**
	114	**0.97**
58	115	**1.00**
	116	**0.99**
59	117	**0.96**
	118	**0.95**
60	119	**0.97**
	120	**0.99**

120-Dose Total Weight:. . . . . 119.75 gm
Mean of Accepted Doses: . . . . . 0.9979 gm
Maximum Accepted Doses:. . . . . 1.05 gm
Minimum Accepted Doses: . . . . . 0..95 gm



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