

SIMPLE. ACCURATE. RELIABLE.

# Topi-Pump<sup>®</sup><sub>X</sub>

Metered Dosing for Topical Pharmaceuticals

## Accuracy Reliability Study



### Topi-Pump #1

**Pump Type:** ..... 0.5ml Butyl

**Pouch Type:** ..... 30ml LDPE

**Trial:** ..... 30-day period (2 pumps per day)

Filled Total Weight (gm): ..... 69.45 gm

Weight of Product: ..... 33.21 gm

Weight of 1ml of Product: ..... 1 gm

No. of Priming Strokes: ..... 5

Change in Color: ..... No

Other: ..... Some bubbles

Product: ..... Base Cream

DAY	PUMP #	DOSAGE (grams)
1	1	0.47
	2	0.50
2	3	0.50
	4	0.51
3	5	0.52
	6	0.54
4	7	0.50
	8	0.50
5	9	0.49
	10	0.48
6	11	0.50
	12	0.53
7	13	0.52
	14	0.50
8	15	0.49
	16	0.52
9	17	0.50
	18	0.54
10	19	0.47
	20	0.50

DAY	PUMP #	DOSAGE (grams)
11	21	0.51
	22	0.48
12	23	0.47
	24	0.50
13	25	0.52
	26	0.50
14	27	0.49
	28	0.51
15	29	0.50
	30	0.47
16	31	0.49
	32	0.49
17	33	0.50
	34	0.51
18	35	0.52
	36	0.51
19	37	0.50
	38	0.52
20	39	0.49
	40	0.50

DAY	PUMP #	DOSAGE (grams)
21	41	0.49
	42	0.46
22	42	0.48
	44	0.50
23	45	0.51
	46	0.50
24	47	0.48
	48	0.47
25	49	0.49
	50	0.47
26	51	0.48
	52	0.50
27	53	0.46
	54	0.49
28	55	0.47
	56	0.50
29	57	0.49
	58	0.48
30	59	0.49
	60	0.49

60-Dose Total Weight: ..... 29.76 gm  
 Mean of Accepted Doses: ..... 0.4960 gm

Maximum Accepted Doses: ..... 0.54 gm  
 Minimum Accepted Doses: ..... 0.46 gm