

Additional File 10: Dihydroartemisinin Estimated Quantity

Drug Name (Source)	Trial-1	Trial-2	Trial-3	Average	SD	Expected	Percent	Pre-dilution percent‡
28. Artemos-40 (Tropic)	5.33	6.27	4.60	5.40	0.84	8.79	61%	63%
29. P-Alaxin* (Adler)	7.42	7.96	7.91	7.76	0.30	8.79	88%	83%
30. Alaxin (K. Somuah & Sons)	7.61	8.46	8.77	8.28	0.60	8.79	94%	86%
31. Alaxin (Tropic)	7.73	9.26	8.11	8.36	0.80	8.79	95%	81%
32. Alaxin (GA Boateng)	7.29	8.69	8.46	8.14	0.75	8.79	93%	82%
33. P-Alaxin† (Aseda)	0.50	0.58	0.56	0.55	0.04	0.99	56%	46%
<i>Euratesim (Sigma-Tau)</i>	8.92	8.51	9.14	8.86	0.32	8.79	101%	101%

* Expired; † Powder form, expected molarity is based on estimate of amount of drug in ~2g; ‡ Pre-dilution percentage kept to demonstrate that estimates of drug concentration are contingent upon correct dilution, and because IC-50s were performed with these concentrations.