

Table A7B. Quality-control summary for laboratory “set spikes” for pharmaceutical compounds corresponding to analyses of samples collected for the Southern Sierra Groundwater Ambient Monitoring and Assessment (GAMA) study, California, June 2006.

[Acceptable recovery range is between 70 and 130 percent]

Constituent	Number of set spike samples	Minimum recovery (percent)	Maximum recovery (percent)	Median recovery (percent)
Acetaminophen	11	60	92	69
Albuterol	11	69	98	82
Caffeine	11	90	104	94
Carbamazapine ¹	11	84	93	88
Codeine	11	76	84	81
Cotinine	11	94	102	97
Dehydronifedipine	11	69	93	86
Diltiazem	11	4	47	21
1,7-dimethylxanthine	11	56	88	78
Diphenhydramine ¹	11	57	70	60
Sulfamethoxazole ¹	11	58	78	70
Thiabendazole	11	70	89	87
Trimethoprim	11	88	96	92
Warfarin	11	18	65	35

¹Constituents detected in ground-water samples.