

**Table A5C.** Quality-control summary for matrix-spike recoveries of pharmaceutical compounds in 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]

<b>Constituent</b>	<b>Number of spike samples</b>	<b>Minimum recovery (percent)</b>	<b>Maximum recovery (percent)</b>	<b>Median recovery (percent)</b>
Acetaminophen	4	90	104	101
Caffeine	4	96	104	98
Carbamazepine <sup>1</sup>	4	70	96	93
Codeine	4	89	96	93
Cotinine	4	96	100	98
Dehydronifedipine	4	100	113	107
Diltiazem	4	44	59	50
1,7-Dimethylxanthine	4	89	98	93
Diphenhydramine <sup>1</sup>	4	55	74	69
Salbutamol (albuterol)	4	64	90	81
Sulfamethoxazole <sup>1</sup>	4	53	70	62
Thiabendazole	4	50	83	79
Trimethoprim	4	79	99	96
Warfarin	4	63	76	71

<sup>1</sup>Constituents detected in ground-water samples.