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### ***MEMORANDUM***

To: American Chemistry Council CCA Work Group  
cc: Stan Casteel  
From: Angela Wahlquist, Bill Brattin (SRC)  
Date: 5/14/03  
RE: Addendum to Relative Bioavailability of Arsenic in Soil Affected by CCA-Treated Wood (April 8, 2003)

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This memorandum is an addendum to the relative bioavailability report for arsenic in soil affected by CCA-treated wood (American Chemistry Council, 2003). The purpose of this addendum is to present dose verification data that were analyzed subsequent to the completion of the final report.

At each dose preparation, extra doughballs for each dose group were prepared and archived in the freezer for dose verification. Three of these dose verification samples were randomly selected for analysis; the results are presented in Table 1.

As seen, the arsenic concentrations measured in the doughballs ranged from 95% to 122% of the nominal (target) arsenic concentration, with a mean of 107%.

These data support the conclusion that the prepared doses were sufficiently close to the target doses.

#### Reference:

American Chemistry Council. 2003. Relative Bioavailability of Arsenic in Soil Affected by CCA-Treated Wood. Report prepared by Syracuse Research Corporation, Inc., for American Chemistry Council. April 8, 2003

**Table 1. Arsenic Analytical Results for Dose Verification Doughballs**

Tag Number	LET ID	Group	Prep Date	Dose Administration Days	Q	As Conc (ug)	DL	AdjConc (ug per doughball)	Nominal As Conc (ug per doughball)	% Nominal
ACC-1-0304	L03030002	GP2	11/06/02	3-5		180	5	180	173.7	103.6
ACC-1-0334	L03030003	GP5	11/12/02	9-11		612	5	612	642.8	95.2
ACC-1-0342	L03030004	GP4	11/15/02	12-14		440	5	440	360.3	122.1