

MEETING LOG

PRODUCT: Phthalates in plastic toys

SUBJECT: Subcommittee meeting for D20.70 Analytical Methods and phthalate task group meeting

LOCATION: Teleconference

MEETING DATE: 11/5/2020

ENTRY DATE: 11/18/2020

LOG ENTRY SOURCE: Priscilla Verdino

COMMISSION ATTENDEES: Priscilla Verdino (EXHR)

NON-COMMISSION ATTENDEES: Contact ASTM for list of attendees

MEETING SUMMARY:

CPSC staff attended the ASTM D20.70 Analytical Methods subcommittee meeting. The phthalate task group met after the subcommittee meeting to discuss progress on the Interlaboratory Study (ILS) that was completed for two test methods: ASTM D7823-Phthalates by Thermal Desorption and ASTM D8133 – Phthalates by Solvent Extraction. CPSC participated in the ILS for D8133 in FY20. ASTM D8133 is similar to the test method that CPSC uses to test for phthalates in toys

At the subcommittee meeting, new section chairs were introduced and the subcommittee discussed the status of several analytical methods, some will come up for review, some are overdue for review, and some are in review. Negative ballots mainly centered around precision and bias statements which the subcommittee found persuasive and will address.

The phthalate task group reviewed the Inter-laboratory Study (ILS) for D7823 and D8133. The standards deviation of results was larger than expected. After contacting several laboratories, it was determined that this was because not all laboratories followed the standards. Additionally, there was some confusion regarding D8133 since there are two test methods in that standard. A repeat of the ILS will be conducted. The repeat ILS will hopefully be completed in November 2021 and the group is looking for laboratories to participate as well as materials. CPSC will participate in the ILS for D8133. Prior to the laboratories beginning testing, a task group meeting will be conducted to focus on reviewing the directions for the ILS, to ensure that the instructions are clear. An editorial error in D8133 was discovered and will need to be fixed.

The next task group meeting has not been scheduled.