



## MEETING LOG

**SUBJECT: ASTM E56 Committee Meeting Log**

**FY26 OP PLAN ENTRY: Nanotechnology**

**DATE OF MEETING: 5/7/2026**

**LOCATION OF MEETING: Dallas, TX**

**CPSC STAFF FILING MEETING LOG: Matthew Cho (HSTR)**

**FILING DATE: 5/15/2026**

**CPSC ATTENDEE(S): Matthew Cho (HSTR), Richard Brown (LSC)**

**NON-CPSC ATTENDEE(S): Contact ASTM for the full attendee list.**

### Summary of Meeting:

- From May 06 to 07, 2026, ASTM International E56 Nanotechnology Committee had a spring committee meeting in Dallas, TX to discuss projects and their status. Staff attended the meeting virtually.
- The designated representative of CPSC for nanotechnology has been officially accepted to be an affiliate member of E56 by the committee.
- E56 Nanoplastic Task Group: Justin Gorham and Vince Hackley (NIST) presented current progress on developing a nanoplastic standard and NIST's work developing reference material.
- For E56.02 subcommittee (Physical and Chemical Characterization), a work item WK98657 on E3269 titled, "Test Method for Determination of the Mass Fraction of Particle-Bound Gold in Colloidal Gold Suspensions," was reapproved with a changed effective date. Two standards, E2490-2009 (2021) and E3269-2021 are required for ballot action; four standards, E2578-2007 (2022), E2834-2012 (2022), E2864-2018 (2022), and E2865-2012 (2022) are required for review. Jeremie Parot (SINTEF) presented on European METRINO project "Sample Prep and Particle Fractionation in Biological Matrices" showing concentration, size distribution, and recovery of nanoparticles.
- For E56.03 subcommittee (Environment, Health, and Safety), E2535-25, "Standard Guide for Handling Unbound Engineered Nanoscale Particles in Occupational Settings," was published in February 2026. Three standards, E2524-2022, E2525-2022, and E2526-2022 are required for a ballot review. Revision of E3172-2018 "Standard Guide for Reporting Production Information and Data for Nano-Objects" is multiple years overdue. There is a draft at the EPA to add microplastic as a water contaminant.
- For E56.06 subcommittee (Nano-enabled Consumer Products), E3171-2021A, "Test Method for Determination of Total Silver in Textiles by ICP-OES or ICP-MS Analysis," is required for a ballot action. E3025-2022, "Guide for Tiered Approach to Detection and Characterization of Silver Nanomaterials in Textiles," is required for review. Dr. Raymond Brinas at Food and Drug Administration made a presentation, titled, "Considerations for the Characterization and Quantification of Food Contact Substances that are Engineered Nanomaterials."
- For E56.08 subcommittee (Nano-enabled Medical Products), E3238-20, "Standard Test Method for Quantitative Measurement of the Chemoattractant Capacity of a Nanoparticulate Material in Vitro," is



required to assess measurement bias because of a lack of appropriate reference materials. However, they will formulate a precision statement for measuring repeatability and reproducibility. Two other standards, E3275-21, “Standard Guide for Visualization and Identification of Nanomaterials in Biological and Nonbiological Matrices using Darkfield Microscopy/Hyperspectral Imaging (DFM/HIS) Analysis,” and E3297-21, “Standard Test Method for Lipid Quantitation in Liposomal Formulations using High Performance Liquid Chromatography (HPLC) with a Charged Aerosol Detector (CAD),” should be reviewed for 5-year renewal. Six new work items were discussed on the status for the drafts. Dr. Sean Lehman at NIST made presentation titled, “A brief introduction to mass photometry measurements.”

- A new chairperson (Khaled Yamout at Yamout Chem Consulting, LLC) of E56.03 subcommittee was introduced and approved by the committee.

**Next Steps:**

The November 2026 Committee Week meeting will be held in Jacksonville, FL from November 4 to 5, 2026. Staff plans to attend this meeting virtually.