

NIST TRACEABLE AEROSOL PARTICLE SIZE DISTRIBUTION REPORT

(National Institute of Standards & Technology)

Customer	ATI	
ID#		
Sales Order#		
Purchase Order#		
Model	5D	
Serial#		
Reagent	DOS/DEHS 0.912 SP GR	

Calibration Equipment Used

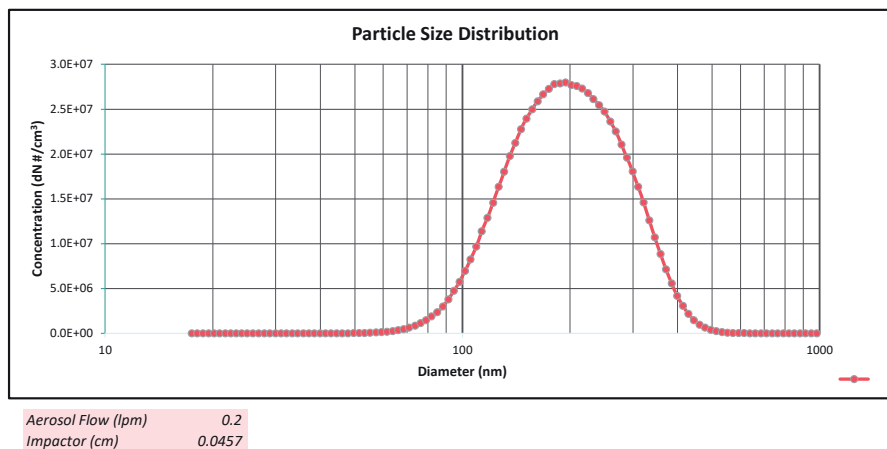
Description	ID#	NIST Cal Date	NIST Due Date
Condensation Particle Counter	3750181501	4/12/2024	4/12/2026
Electrostatic Classifier	3082001816002	4/18/2024	4/18/2026
Temperature/Humidity Monitor	ATV-468	2/26/2024	2/26/2025

Enviromental Conditions

Temperature (°C)	22.3
Relative Humidity (%)	24

SMPS Summary

	Number Particle Size	Diameter Particle Size	Surface Particle Size	Volume Particle Size	Mass Particle Size
median (nm)	195.4	226.1	256.9	285.2	285.2
mean (nm)	207.4	234.7	262.3	289.1	289.1
geo. Mean (nm)	194.2	221.1	248.7	276.0	276.0
mode (nm)	194.6	250.3	278.8	310.6	310.6
geo. st. dev.	1.44	1.42	1.40	1.37	1.37



The instrument listed on this certificate has been calibrated against standards traceable to NIST or other recognized national metrology institutes, derived from ratio type measurements, or compared to nationally recognized consensus standards. The quality management system of ATI is registered to ISO 9001:2015. All results contained within this certificate relate only to the item(s) calibrated and are ISO 15900:2009 compliant. Any number of factors may cause the calibrated item to drift out of calibration before the instruments calibration interval has expired. This certificate shall not be reproduced except in full and with written consent of ATI. This unit has been calibrated following the instructions provided in the operating manuals for the calibration equipment used.

Tested By	Cal Date
GM	2/5/2025