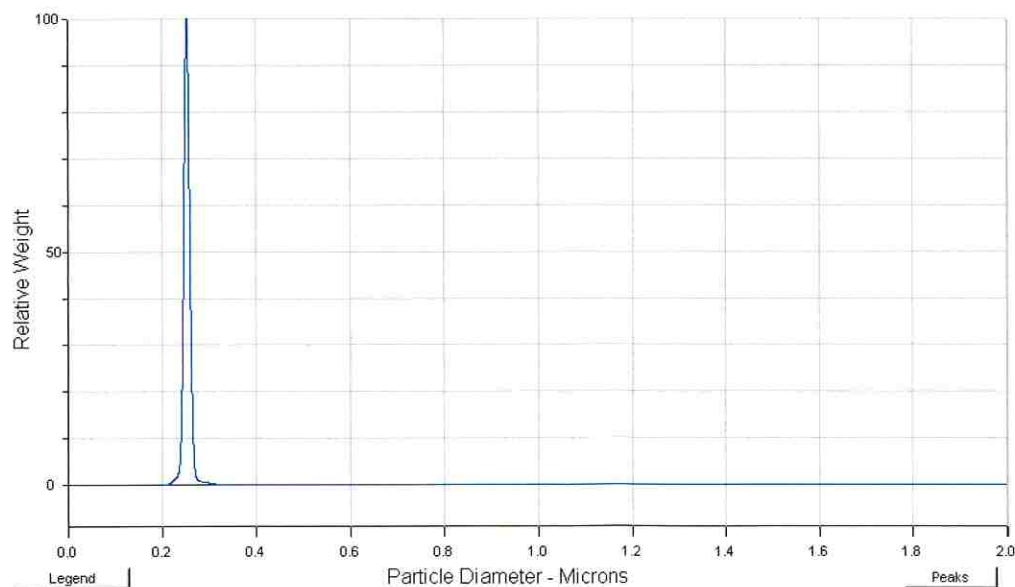


CERTIFICATE OF ANALYSIS

Particle Size Standard (NIST traceable)

Catalogue number:	PS-ST-0.25
Batch number:	PS-ST-B1049-1
Measuring technique:	CPS Disc Centrifuge DC 24000
Calibration of measuring technique:	Standard Reference Materials (NIST) SRM 1691 – $0.269 \mu\text{m} \pm 0.007 \mu\text{m}$ SRM 1690 – $0.895 \mu\text{m} \pm 0.008 \mu\text{m}$
Certified particle diameter (nm):	239
Uncertainty (nm):	± 7
Standard deviation (nm) :	5
CV (%) :	2.1
Solids content (wt.-%):	2
Particle number (ml^{-1}):	2.2×10^{12}
Particle composition:	Polystyrene
Particle specific gravity (g/cm^3):	1.05
Polymer refractive index:	1.59 (589 nm, 25°C)
Expiration Date:	June 2022



Berlin, 30-Jun-2020


Dr. Karl-Heinz LercheISO 9001:2015
Management
System
www.tuv.com
ID: 9195C16961