

Certificate of analysis

Product No.: 45505
Product: Nickel nanopowder, APS 5-20nm, 99.9% (metals basis)
Lot No.: K11Z054

BET surface area (mean)	91.8 m ² /g 0.41 deviation
TGA weight-gain factor	1.1284
Oxide fraction	0.529 [NiO]
Average particle diameter (estimated from surface area)	7.3 nm
Diameter metal/metal oxide particle (estimated)	8.5 nm
Shell thickness (estimated)	1.1 nm

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