



## 5.2 ご依頼サンプルの結果

結果一覧：粒子径と粒子濃度

サンプル名	Mean (nm)	Mode (nm)	Concentration* (particles / mL)
Super Electron Water 528	41.9 +/- 26.0	40.7 +/- 25.4	1.16e+006 +/- 6.99e+005
Super Electron Water 72	37.2 +/- 23.2	32.7 +/- 20.1	3.13e+005 +/- 1.17e+005

\* 1.09e+008 = 1.09 x 10<sup>8</sup> particles/mL

各々のサンプルの測定結果は、以下に記載いたします。

<https://en.wikipedia.org/wiki/Nanoparticle>

Nanoparticles are particles between 1 and 100 nanometres (nm) in size with a surrounding interfacial layer. The interfacial layer is an integral part of nanoscale matter, fundamentally affecting all of its properties. The interfacial layer typically consists of ions, inorganic and organic molecules. Organic molecules coating inorganic nanoparticles are known as stabilizers, capping and surface ligands, or passivating agents.<sup>[1]</sup> In nanotechnology, a particle is defined as a small object that behaves as a whole unit with respect to its transport and properties. Particles are further classified according to diameter.<sup>[2]</sup>