

40 nm Streptavidin Gold conjugate OD20

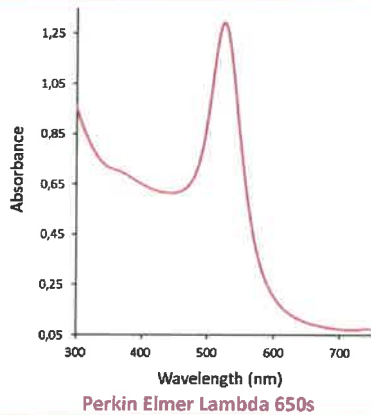
Reference	NF-STREPT-AU	Lot number	253451
Storage conditions	2-8°C protected from light. DO NOT FREEZE	Expiry Date	11 DEC 2026

Physico-chemical characteristics

pH	7.4	Storage Buffer	Borate 2mM ; 0.25% BSA ; 0.095% NaN₃ – pH7.3
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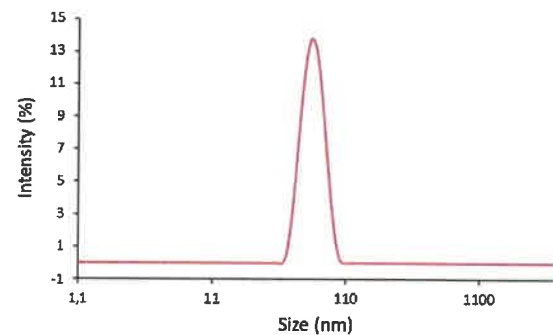
UV Visible spectroscopy

λ_{max} (nm)	524.1
Full width at half maximum (nm)	48.9
Optical Density (19-21)	19.3



Dynamic Light Scattering (DLS)

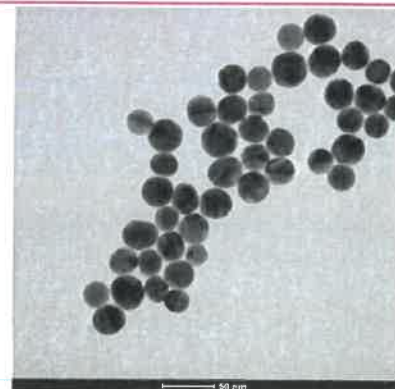
Hydrodynamic diameter (nm)	59.0
Polydispersity index (≤ 0.3)	0.16
Particles concentration (particles/mL)	2.0E+10



Malvern Zeta sizer Ultra Red label

Transmission Electron Microscopy (TEM)

Coefficient of variation on particles sizes ($\leq 13\%$)	11.1
Odd shapes on 100 particles ($\leq 1\%$)	0



Tecnai T20

Approval

Date	17 DEC 2025
QC representative	Alice Mattiuzzi
Signature	