NANO FLOW
Sensitivity - Stability - Consistency

40 nm Mouse Anti-FITC Gold conjugate OD20

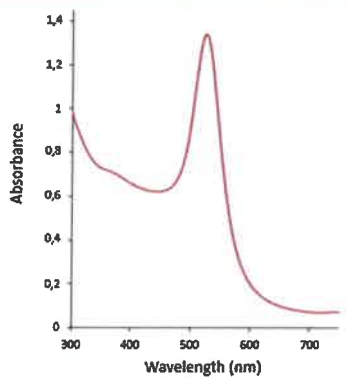
Reference	**NF-MAFITC-AU**	**Lot number**	***26035D****
Storage conditions	**2-8°C protected from light. DO NOT FREEZE**	**Expiry Date**	**04 FEB 2027**

Physico-chemical characteristics

pH	***7.3***	**Storage Buffer**	**Borate 2mM ; 0.25% BSA ; 0.095% NaN_3 – pH7.3**

UV Visible spectroscopy

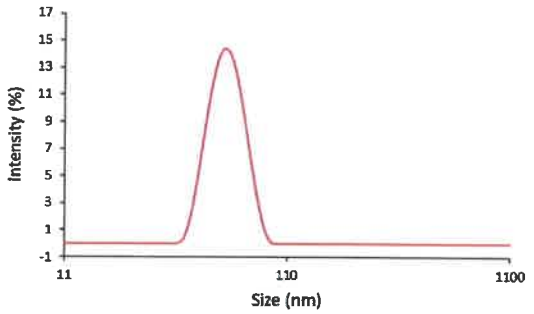
λ_{max} (nm)	**525.2**
Full width at half maximum (nm)	**48.7**
Optical Density (19-21)	**19.9**



Perkin Elmer Lambda 650s

Dynamic Light Scattering (DLS)

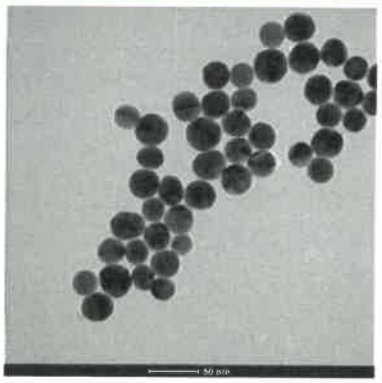
Hydrodynamic diameter (nm)	**57.3**
Polydispersity index (≤ 0.3)	**0.09**
Particles concentration (particles/mL)	**9.1E+10**



Malvern Zeta sizer Ultra Red label

Transmission Electron Microscopy (TEM)

Coefficient of variation on particles sizes (≤ 13%)	**11.1**
Odd shapes on 100 particles (≤ 1%)	**0**



Tecnai T20

NANO FLOW
Rue Louis Plescia 8 (Parc Scientifique)
4102 Seraing

+32 4 252 66 02
info@nanoflow.eu
nanoflow.eu

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Approval

Date	04 Nov 2026
QC representative	Alice Mattiuzzi
Signature	

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