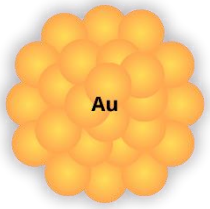
CERTIFICATE OF ANALYSIS

Name of the product: Gold nanoflowers, suspended in deionised water

Product number: AF1XX100-S

Product representation :



Guarantee: 6 months from manufacture, under the specified storage conditions.

Storage: 4 – 8°C. DO NOT FREEZE.

Usage: Ensure the nanoparticles are well dispersed in the medium prior to use.
In **suspension**, shake vigorously before use, **bath sonication is strongly recommended**.

Product specifications:

Property *Characterization technique*	**Unit**	**Specifications**	
		Min.	Max.
Appearance (brown-blue-pink solution) *Visual Inspection*	-	-	-
Shape (flower) *Transmission Electron Microscopy (TEM)*	-	-	-
Nanometric size *Transmission Electron Microscopy (TEM)*	nm	80	140
Wavelength of maximum absorbance *UV-Vis spectroscopy (UV)*	cm^{-1}	575	630
OD *UV-Vis spectroscopy (UV)*	-	0.8	1.2