

Specification

Technical Data Sheet

CAS 7440-22-4	STORAGE Ambient	MOLECULAR WEIGHT 107.87
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PRODUCT**Silver nanoparticles, 20nm, 0.02 mg/ml, supplied in 2mM sodium citrate, 405nm absorption**

Product number	90037314
CAS number	7440-22-4
Molecular formula	Ag
Molecular weight	107.87 g/mol

PARAMETER	SPECIFICATION
Appearance	Solid
Absorption (λ max)	402 nm
Buffer (Sodium citrate)	2 mM
Concentration	2.5 (OD)
Concentration (mg/ml)	~ 0.02
Core Size	20 nm ($\pm$ 3 nm)
Hydrodynamic Diameter (z-average)	21 nm
Particles / ml	~ 4.6E + 11

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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