



NANOZINO

Product Information

Nanogel Colloidal Solution

Cat. No.: NZ-CNGNP-100-CS

Technical Data Sheet

| Properties | Chemicals/Test Methods | Value | Unit |
|-------------------|------------------------|------------|-------|
| Formula | Chitosan | - | - |
| Formula weight | - | 160 | g/mol |
| Appearance | - | Solution | - |
| Color | - | - | - |
| Particle size | SEM | 50 | nm |
| Size distribution | DLS | 40-110 | nm |
| λ_{max} | Spectrophotometer | - | nm |
| Ex. Wavelength | Spectrophotometer | - | nm |
| pH | pH meter | 4 | - |
| Purity | - | 99.9 | % |
| Morphology | SEM | Spherical | - |
| Dispersant | Water | - | - |
| Stabilizer | - | - | - |
| Prod. Cap./month | - | ≥ 100 | Liter |

Package:

- 100 mL
- 250 mL
- 500 mL

Applications:

- Cosmetics
- Drug Delivery System

Chemical / Physical Properties:

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Safety:

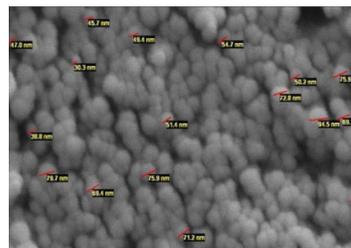
- Keep away from the reach of the children.
- For research & development applications only.
- Wear latex gloves & safety goggles before use.

Storage Conditions:

- Keep the bottle in a refrigerator.
- Keep away from direct sunlight.
- Keep away from freezing.

Corresponding Material Safety Data Sheet is available from Zist Shimi Azma Roshd; NANOZINO R&D Co., Product Safety Department, or can be downloaded from our homepage nanozino.com. We strongly recommend reading carefully the material safety data sheet prior to the use of the product. Contact us for further consultant.

SEM image of Nanogel colloidal solution



Size distribution of Nanogel colloidal solution

