

Colloidal Platinum (Pt) – Product Information

Overview

Colloidal Platinum consists of pure platinum nanoparticles suspended in deionized water. It is valued for its antioxidant properties, catalytic activity, and use in both wellness and advanced technology applications.

Typical Specifications

• Appearance: Greyish to black colloidal solution • Particle size: 5–30 nm (controlled) • Concentration: 10–20 ppm (customizable) • Purity: >99.9% platinum nanoparticles • Solvent: High-purity water

Applications

• Premium skincare and anti-aging formulations • Catalysts in advanced chemical processes • Nanotechnology research and material science • Functional wellness and nutritional supplements

Safety & Regulatory

• Avoid ingestion unless permitted under regulatory frameworks • Platinum nanoparticles should be stored properly to prevent aggregation • Safe for topical and industrial use under controlled conditions

The Siddhi Advantage

• High surface area and catalytic activity • Batch-tested for consistency (ICP, DLS) • Custom concentration and particle size options • Reliable supply with scalable volumes