

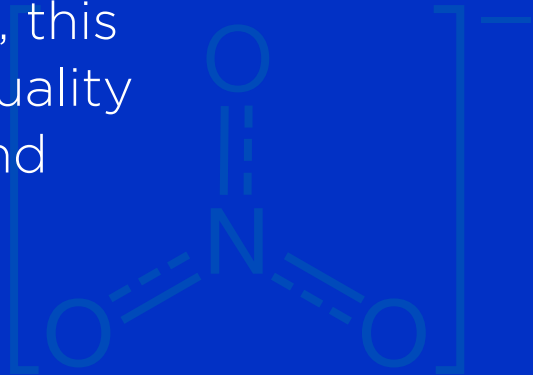
AR-grade Silver Nitrate
 $(\text{AgNO}_3) \geq 99\%$
Purity.



 **FIBERSE**TM

Silver Nitrate (AgNO₃) is a highly versatile inorganic compound valued for – example: solubility, stability, and powerful oxidizing properties.

Fiberse™ AR-grade Silver Nitrate is formulated to deliver superior reliability, purity, and performance. Designed for critical applications in laboratories, manufacturing, and industrial use, this product adheres to the highest quality standards to ensure consistent and reproducible outcome.



Fiberse™ Silver Nitrate | Key Features

Feature	Benefit
≥ 99% Assay Purity	Ensures reliable performance in high-precision and contamination-sensitive environments
Lab-certified purity with advanced analytical techniques	Ensures reliable performance in high-precision and contamination-sensitive environments
Applicable for industrial, pharma and analytical applications	One versatile product for diverse, cross-sector technical needs
Manufactured using high purity raw material -99.9%+ pure metallic silver	Results in high chemical integrity and consistent quality in every batch
Sealed, moisture-resistant packaging	Prevents clumping or degradation; supports long shelf life and safe storage
Complies with ACS and international reagent - grade standards	Globally aligned quality simplifies qualification for regulated industries
Available in multiple pack sizes (25g to 1kg+)	Supports use from lab-scale R&D to full-scale industrial production
Batch-to-batch consistency	Reduces variability in critical processes, ensuring process control and reliability

Product Information

Chemical Formula	AgNO ₃
Molecular weight	169.87 g/mol
CAS Number	7761-88-8
Purity	≥99%
Form	Powder/Crystal
Color	White
Odor	Odorless



Physico-chemical Properties

Physical State	Solid
Melting point	212°C
Solubility in water	Freely soluble in water, ~122 g/100 mL at 0°C
Oxidizing nature	Strong oxidizer
Light sensitivity	Photosensitive - gradually darkens upon exposure to light due to oxidation

Applications

- Analytical Chemistry
- Pharmaceutical & Biotech
- Electroplating & Surface Treatment
- Nanomaterial Synthesis
- Medical/Antimicrobial Uses
- Photography and Imaging
- Research & Development
- + Many More

Storage & Handling



Store in airtight containers away from direct light and heat.



Use protective gloves and eyewear during handling - can stain skin and clothing.



Avoid contact with combustible or organic materials - strong oxidizer.



Shelf life and stability depend on storage conditions; keep container tightly closed.

Regulatory & Compliance

Fiberse™ AR Grade Silver Nitrate is manufactured under stringent quality controls and complies with international standards including ACS Specifications.

Choose Reliability. Choose Fiberse™

Fiberse™ high-purity Silver Nitrate (AgNO_3) offers exceptional analytical precision and batch consistency. Connect with us.

 **FIBERSE™**

Email: info@fiberse.com | Web: www.fiberse.com

FIBERSETM

PALLADIUM (II) CHLORIDE SOLUTION



FIBERSE™ PALLADIUM CHLORIDE SOLUTION



Palladium (II) chloride is a highly versatile inorganic compound valued for its catalytic efficiency and reliable performance across a wide range of industrial and research applications. It serves as a foundation for high-precision sectors - from fine chemicals, pharmaceuticals, electronics to research labs - where purity, consistency and reliability are non-negotiable.

Fiberse™ Palladium (II) Chloride Solution, is a highly pure, ready-to-use solution, ensuring ease of application, reduced handling risk, and greater process efficiency. Manufactured at our ISO 9001 certified facility, under stringent quality controls, every batch assures our customers with consistent quality with reproducible outcomes.

Formulated for laboratories, pharmaceuticals and industrial applications, our Palladium (II) Chloride solution offers you consistency, reliability and high purity at every drop.

FEATURES & BENEFITS

FEATURES	BENEFITS
High Purity	Ensures dependable results for critical catalytic and synthetic processes and industrial applications.
Stable, Pre-Dissolved Form	Eliminates handling issues associated with solid PdCl ₂ ; available in ready-to-use solution form.
Produced from High-Purity Raw Materials	Delivers consistent chemical integrity and superior performance
Batch-to-Batch Consistency	Reduces variability in critical reactions, ensuring reliability and consistency.
Secure, Leak-Proof Packaging	Protects product integrity during shipping and long-term storage.
Available in Multiple Pack Sizes	Supports use from lab-scale R&D centres to full-scale industrial requirements.
Broad Application Range	One versatile product for diverse, cross-sector technical needs.

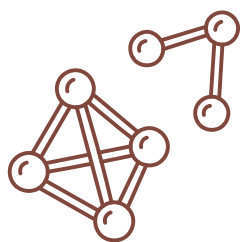
PRODUCT INFO

Chemical Formula	PdCl ₂
Molecular Weight	177.33 g/mol
CAS Number	7647-10-1
Pubchem CID	24290

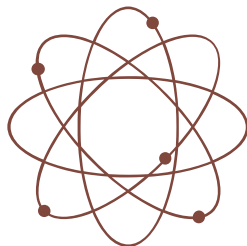
PHYSIO-CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Amber to Brown or Yellow-Brown
Odor	Acidic
Assay (Pd w.r.t PdCl ₂)	58.5-60.5%

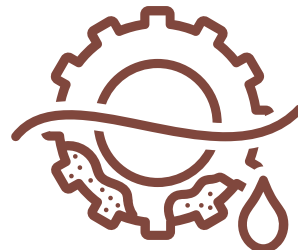
APPLICATIONS



CATALYSIS IN
CHEMICAL
SYNTHESIS AND
CROSS-COUPLING
REACTIONS



ELECTRONIC &
MATERIAL SCIENCES



STAINLESS STEEL
CORROSION TESTING



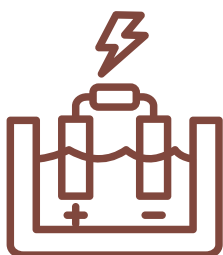
ENVIRONMENTAL
SENSING TOOLS |
CARBON MONOXIDE
DETECTORS



MEDICAL &
BIOCHEMICAL
RESEARCH



ANALYTICAL
CHEMISTRY



ELECTROCHEMICAL
APPLICATIONS



PHOTOGRAPHIC
APPLICATIONS

+ MORE

STORAGE & HANDLING



- Store in a tightly closed, corrosion-resistant container when not in use.
- Keep in a cool, dry, and well-ventilated area at room temperature (recommended: 15-30°C).
- Avoid direct sunlight, high humidity, and contact with incompatible substances, such as strong reducing agents.
- Wear appropriate personal protective equipment (PPE), including gloves, safety goggles, and a lab coat. Avoid contact with skin, eyes, and clothing.
- Do not inhale vapors; handle inside a fume hood.

WITH OUR
PALLADIUM (II)
CHLORIDE
SOLUTION,
YOU ARE
ASSURED OF
PURITY,
CONSISTENCY,
AND RELIABILITY
AT EVERY STEP
OF YOUR
PROCESS.

CONNECT WITH US TODAY.