



800 Kaderly Dr
Columbus, OH 43228
USA

Certificate of Analysis

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www.gfschemicals.com

Product name: Veritas Ultimate Hydrochloric Acid

Item #: 7210

Lot #: 24001112

Certified Values:

| Specifications | Status | Results |
|-----------------------------|--------|---------|
| Assay (HCl, w/w) 32 - 35 % | Pass | 35 |
| Aluminum (Al) 20 ppt Max | Pass | <20 |
| Antimony (Sb) 20 ppt Max | Pass | <20 |
| Arsenic (As) 50 ppt Max | Pass | <50 |
| Barium (Ba) 10 ppt Max | Pass | <10 |
| Beryllium (Be) 10 ppt Max | Pass | <10 |
| Bismuth (Bi) 10 ppt Max | Pass | <10 |
| Boron (B) 100 ppt Max | Pass | <100 |
| Cadmium (Cd) 10 ppt Max | Pass | <10 |
| Calcium (Ca) 10 ppt Max | Pass | <10 |
| Cerium (Ce) 10 ppt Max | Pass | <10 |
| Cesium (Cs) 10 ppt Max | Pass | <10 |
| Chromium (Cr) 10 ppt Max | Pass | <10 |
| Cobalt (Co) 10 ppt Max | Pass | <10 |
| Copper (Cu) 10 ppt Max | Pass | <10 |
| Dysprosium (Dy) 1 ppt Max | Pass | <1 |
| Erbium (Er) 1 ppt Max | Pass | <1 |
| Europium (Eu) 1 ppt Max | Pass | <1 |
| Gadolinium (Gd) 1 ppt Max | Pass | <1 |
| Gallium (Ga) 10 ppt Max | Pass | <10 |
| Gold (Au) 50 ppt Max | Pass | <50 |
| Hafnium (Hf) 10 ppt Max | Pass | <10 |
| Holmium (Ho) 1 ppt Max | Pass | <1 |
| Indium (In) 1 ppt Max | Pass | <1 |
| Iron (Fe) 10 ppt Max | Pass | <10 |
| Lanthanum (La) 1 ppt Max | Pass | <1 |
| Lead (Pb) 10 ppt Max | Pass | <10 |
| Lithium (Li) 10 ppt Max | Pass | <10 |
| Lutetium (Lu) 10 ppt Max | Pass | <10 |
| Magnesium (Mg) 10 ppt Max | Pass | <10 |
| Manganese (Mn) 10 ppt Max | Pass | <10 |
| Mercury (Hg) 50 ppt Max | Pass | <50 |
| Molybdenum (Mo) 10 ppt Max | Pass | <10 |
| Neodymium (Nd) 1 ppt Max | Pass | <1 |
| Nickel (Ni) 20 ppt Max | Pass | <20 |
| Niobium (Nb) 1 ppt Max | Pass | <1 |
| Palladium (Pd) | Report | <50 |
| Platinum (Pt) | Report | <50 |
| Potassium (K) 10 ppt Max | Pass | <10 |
| Praseodymium (Pr) 1 ppt Max | Pass | <1 |
| Rhenium (Re) 10 ppt Max | Pass | <10 |
| Rhodium (Rh) 10 ppt Max | Pass | <10 |

| | | |
|--------------------------------------|--------|------|
| Rubidium (Rb) 10 ppt Max | Pass | <10 |
| Ruthenium (Ru) 10 ppt Max | Pass | <10 |
| Samarium (Sm) 1 ppt Max | Pass | <1 |
| Scandium (Sc) 10 ppt Max | Pass | <10 |
| Selenium (Se) | Report | <100 |
| Silver (Ag) 10 ppt Max | Pass | <10 |
| Sodium (Na) 10 ppt Max | Pass | <10 |
| Strontium (Sr) 10 ppt Max | Pass | <10 |
| Tantalum (Ta) | Report | <50 |
| Tellurium (Te) 1 ppt Max | Pass | <1 |
| Terbium (Tb) 1 ppt Max | Pass | <1 |
| Thallium (Tl) 10 ppt Max | Pass | <10 |
| Thorium (Th) 1 ppt Max | Pass | <1 |
| Thulium (Tm) 1 ppt Max | Pass | <1 |
| Tin (Sn) 20 ppt Max | Pass | <20 |
| Titanium (Ti) 10 ppt Max | Pass | <10 |
| Tungsten (W) 10 ppt Max | Pass | <10 |
| Uranium (U) 1 ppt Max | Pass | <1 |
| Vanadium (V) 10 ppt Max | Pass | <10 |
| Ytterbium (Yb) 1 ppt Max | Pass | <1 |
| Yttrium (Y) 1 ppt Max | Pass | <1 |
| Zinc (Zn) 10 ppt Max | Pass | <10 |
| Zirconium (Zr) 10 ppt Max | Pass | <10 |
| Color (APHA) 10 APHA Max | Pass | <10 |
| Appearance - Clear, colorless liquid | Pass | Pass |

Comments

CoA #: COA-097774 **Best by:** March 27, 2026
Certificate Created By: Michael J. Firis **Print Date:** June 20, 2023
CoA Creation Date: March 29, 2023
Certified by: Aron Becza - Quality Assurance Manager

Aron Becza

Traceability:

This material was processed under a quality management system that is registered to ISO 9001:2015. The equipment used in the testing of material is NIST traceable. In cases where NIST traceability is not possible, equipment manufacturer recommendations and/or industry best practices are followed.

Not for direct use in food, cosmetics, finished pharmaceuticals or drug products. Supplier is not responsible for compliance with FDA Current Good Manufacturing Practices (cGMP), including without limitation for those finished drug products in 21 CFR Parts 210 and 211. Consult warranty limitations at www.gfschemicals.com For resale by GFS authorized distributors only.

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