

## PRODUCT DATA SHEET

# Hydrofluoric acid Ultrapure for UltraTrace Analysis, 47-51% (below 10 ppt)

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Hydrofluoric acid-49%, below 10 ppt impurities

## Identification

|              |                                                                            |
|--------------|----------------------------------------------------------------------------|
| Product name | Hydrofluoric acid Ultrapure for UltraTrace Analysis, 47-51% (below 10 ppt) |
| Synonym      | Hydrofluoric acid-49%, below 10 ppt impurities                             |
| CAS number   | 7664-39-3                                                                  |
| Product code | 880                                                                        |
| Grade        | Ultrapure                                                                  |
| Brand        | Purityfine                                                                 |
| Category     | Ultrapure & Trace-Analysis Acids                                           |

## Specification

|                  |                               |
|------------------|-------------------------------|
| Assay / purity   | 47-51%                        |
| Trace metals     | < 10 ppt                      |
| Appearance       | Clear colorless fuming liquid |
| Molecular weight | 20.01                         |
| Density          | 1.16 g/mL (49% aq.)           |
| Boiling point    | 108 °C (azeotrope)            |

## Supply

|                 |           |
|-----------------|-----------|
| Pack size       | 1 L       |
| Unit of measure | mL        |
| Shelf life      | 2 years   |
| Lead time       | 2-3 weeks |

## Applications

- Trace-metal analysis at < 10 ppt impurity levels
- ICP-MS and ICP-OES sample preparation

## Handling and safety

highly corrosive, toxic

This summary does not replace the safety data sheet. Read the SDS before handling. This data sheet states the product specification. It is not a certificate of analysis - the figures measured for your lot ship with the goods.