

## Anhydrous Hydrogen Fluoride

CAS: 7664-39-3 (100% Hydrogen Fluoride by weight)

UN1052

### PRODUCT SPECIFICATION

| Parameter   | Limit | Test Method   |
|---|-------|---|
| Assay as Hydrogen Fluoride (weight %)                             | 99.95 | H5.3-17:Difference                                  |
| Nonvolatile Acidity (NVA) as H <sub>2</sub> SO <sub>4</sub> (ppm) | 100   | H5-7: Titrate residue to Phenolphthalein Endpoint   |
| Sulfur Dioxide (ppm)  | 50    | H5-11: Iodimetry                                    |
| Water (ppm)   | 200   | H5.3-18:Conductivity of Laboratory Sample           |
| Arsenic (ppm)   | 25    | H5-14:Colorimetry-Supplemented for AsF <sub>6</sub> |

**Notes:**

1. Anhydrous Hydrogen Fluoride may contain minor amounts of impurities other than those specified. Customers should discuss particular concerns with their Industry Manager.
2. Analytical methods are conducted using latest revision.

**Honeywell Fluorine Products**

101 Columbia Road

Morristown, NJ 07962-1053

[www.hfacid.com](http://www.hfacid.com)

All statements, information and data given herein are believed to be accurate and reliable, but are presented without guarantee, warranty or responsibility of any kind, express or implied. Statements or suggestions concerning possible use of products are made without representation or warranty that any such use is free of patent infringement, and are not recommendations to infringe any patent. The user should not assume that all safety measures are indicated herein, or that other measures may not be required. The values presented herein are typical values and are not to be interpreted as product specifications. User assumes all liability for use of the information and results obtained.

07/21/14 HF-FP-101-v3  
 © 2014 Honeywell International Inc.  
 All rights reserved

