

## Certificate of Analysis

**Product Name:** AMMONIUM HYDROGEN DIFLUORIDE  
reagent grade, 95 %  
**Product Number:** 224820  
**Batch Number:** BCBL4382V  
**Brand:** Sigma-Aldrich  
**CAS Number:** 1341-49-7  
**Formula:**  $\text{NH}_4\text{HF}_2$   
**Formula Weight:** 57.04  
**Quality Release Date:** 23 JUL 2013

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	WHITE	WHITE
APPEARANCE (FORM)	FLAKES OR CRYSTALS	FLAKES
ASSAY (GRAVIMETR.)	62.6 - 70.6 % F WITH LEAD ACETATE	67.4 %

INFRARED SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS
-------------------	-----------------------	----------



Dr. Claudia Geitner  
Manager Quality Control  
Buchs, Switzerland

Sigma-Aldrich warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.