



## Certificate of Composition

### 5M Ammonium Formate in Water

**Agilent Part  
Number:**

**G1946-85021**

**Sample Lot  
Number:**

**176331**

**Concentration: weight to volume**

Ammonium Formate – (CAS NO.: 540-69-2)

5M (0.315 g/ml)

DI Water (CAS NO.: 7732-18-5)

100%

Total Volume – 2.2 mL/ampule

pH test of 1:100 dilution of above mixture:

Pass

**Purity Grades:**

Ammonium Formate (CAS NO.: 540-69-2)

98.6% via titration (spec 96.5- 103.5%)

Di-Water (CAS. NO.: 7732-18-5)

De-ionized

**Traceability:**

This standard has been produced gravimetrically using ISO9001 quality procedures. NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware.

**Date of Manufacture: 15 JUNE 2010**

**Date of Expiration: 15 JUNE 2011**

Elwood Doughty  
QA Manager  
Supelco, Inc.