



Agilent Technologies



Certificate of Composition

5M Ammonium Formate in Water

**Agilent Part
Number:**

G1946-85021

**Sample Lot
Number:**

172146

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)

98.2% 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: 07 DECEMBER 2009

Date of Expiration: 07 DECEMBER 2010

Elwood Doughty
QA Manager
Supelco, Inc.