



Certificate of Analysis

Alpha-Cyano-4-Hydroxycinnamic Acid Matrix

Agilent Part Number: G2037A**Sample Lot Number: 5436781**

Concentration (weight to volume) and Purity/Grades

Neat Material	Gravimetric Concentration	Neat Material Purity and/or Grade
Alpha-cyano-4-hydroxycinnamic acid (CAS NO.: 28166-41-8)	6200 ug/ml	99.90%

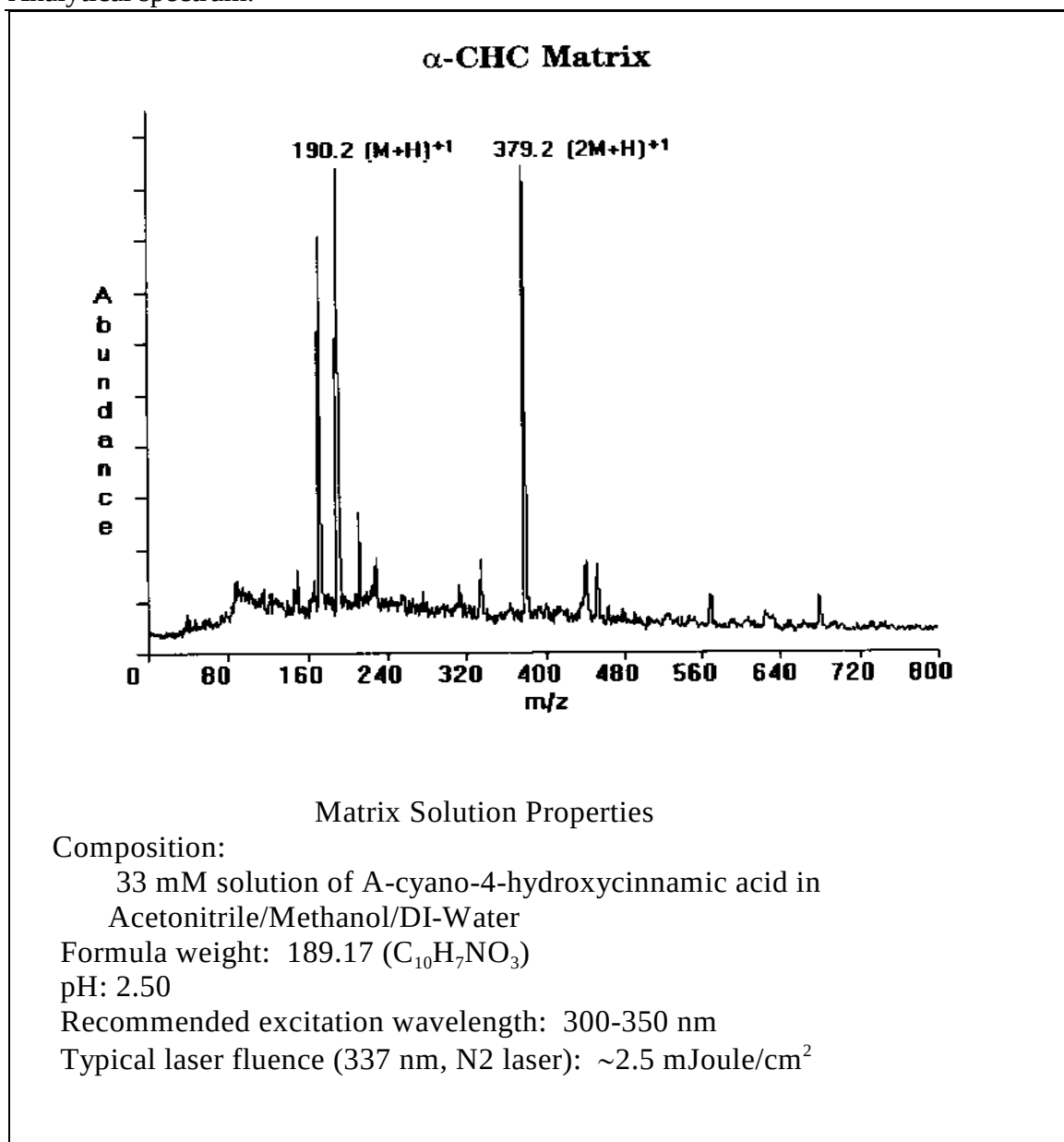
Solvent Composition:

Methanol (CAS NO.: 67-56-1)	36.0%	Capillary High Resolution grade 99.9%
Acetonitrile (CAS NO.: 75-05-8)	56.0%	HPLC grade 99.9%
DI Water (CAS NO.: 7732-18-5)	8.0%	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. High-performance liquid chromatography mass spectroscopy was used to evaluate system performance.

Analytical spectrum:



Date of Manufacture: 06 FEBRUARY 2006

Date of Expiration: 06 AUGUST 2007

Elwood Doughty
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Supelco, Inc.