Agilent Technologies

SUPELCO

Certificate of Analysis

Low Molecular Weight Standard

Agilent Part Number: G2051A **Sample Lot Number: 5103325**

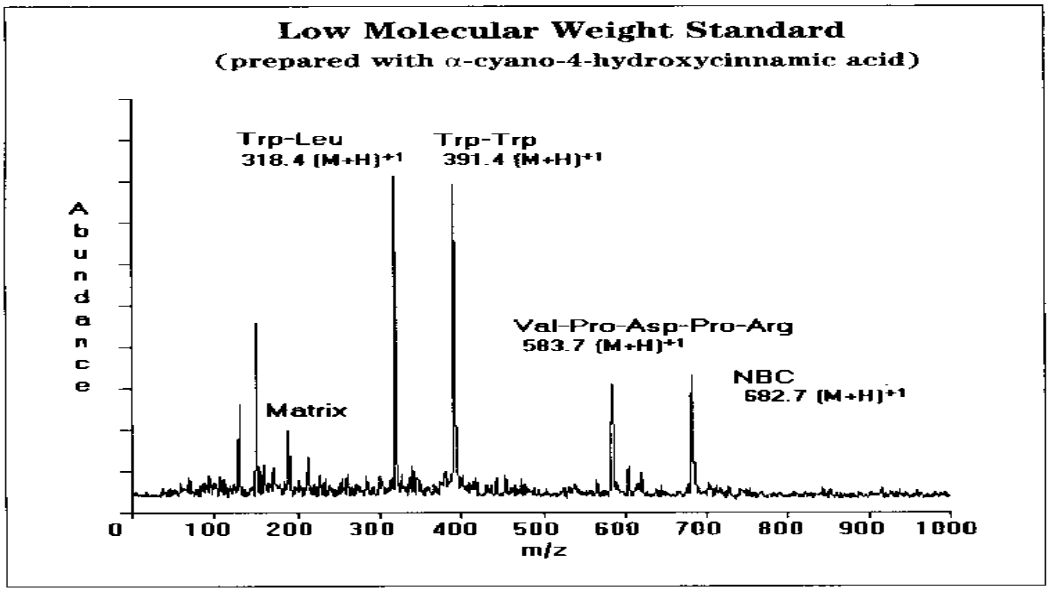
Concentration (weight to volume) and Purity/Grades

Neat Material	Gravimetric Concentration	Neat Material Purity and/or Grade
TRP-TRP Peptide (CAS NO.: 20696-60-0)	67 ug/ml +/- 5.0%	>99.0%
NBC Peptide (CAS NO.: 88899-22-3)	2 ug/ml +/- 5.0%	> 99.0%
VPDPVR Peptide (CAS NO.: 117137-85-6)	2 ug/ml +/- 5.0%	NA
TRP-LEU Peptide (CAS NO.: 13123-35-8)	11 ug/ml +/- 5.0%	>99.0%
Solvent:		
DI Water (CAS NO.: 7732-18-5)	+/- 0.02ml	De-ionized

Traceability:

This standard has been produced gravimetrically using ISO9001 quality procedures. Balances used are calibrated regularly and meet the requirements of ISO. High-performance liquid chromatography mass spectroscopy was used to evaluate system performance.

Analytical Spectrum:



Component	MW	Concentration
Tryptophanyl-Leucine	317.38 Da	25 µM
Tryptophanyl-Tryptophan	390.44 Da	120 µM
Val-Pro-Asp-Pro-Arg	582.66 Da	2.1 µM
N-Benzoyl-Phe-Val-Arg-7-amido-4-methylcoumarin (NBC)	681.67 Da	2.3 µM

Manufacture Date: 18-March-2002
Expiration Date: 18-September-2003

Elwood Doughty
QA Manager
Supelco, Inc.