Agilent Technologies

SUPELCO

Certificate of Analysis

ES/APCI Positive Ion Performance

Agilent Part Number: G2423A Sample Lot Number: A302952

Concentration (weight to volume) and Purity/Grades

Neat Material	Gravimetric Concentration	Neat Material Purity and/or Grade
Reserpine (CAS NO: 50-55-5)	less than 0.001% (+/- 5.0%)	99.0%

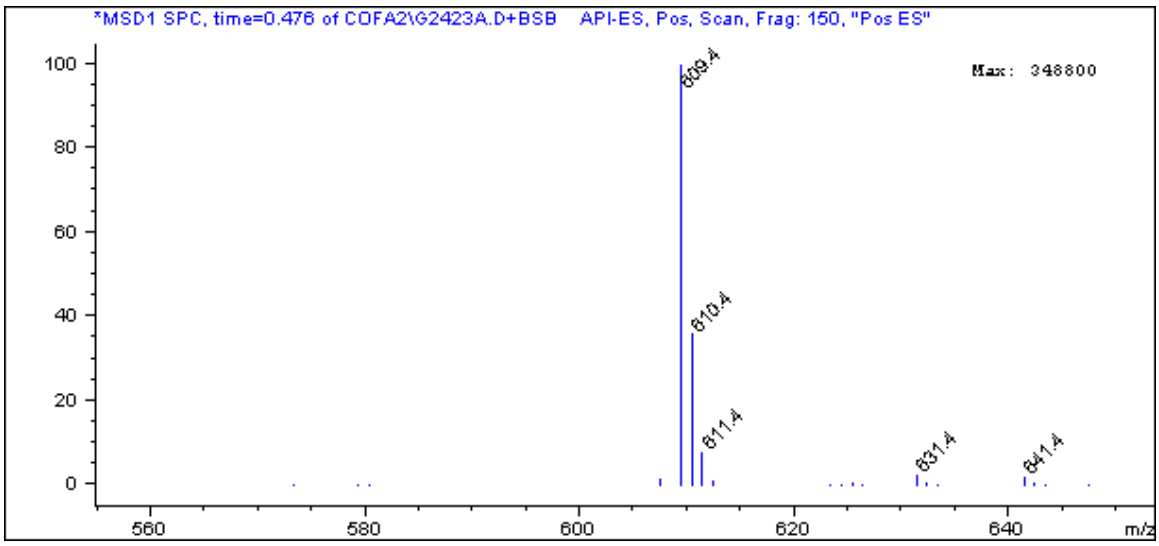
Solvent composition:

DI Water (CAS NO: 7732-18-5)	50% (+/- 0.08ml)	De-ionized
2-Propanol (CAS NO: 67-63-0)	50% (+/- 0.08ml)	HPLC grade 99.5%

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:



Agilent 1100 Series LC system:
G1354A Quaternary Pump (incl. degasser)
G1313A Automatic Liquid Sampler (ALS)

Agilent 1100 Series LC/MSD:
G1946D LC/MSD SL
G1948A API-Electrospray source
G1947A APCI source

G2423A ES/APCI Positive Mode Verification Sample (Reserpine)
Column: None
Column Temp: N/A
Flow Rate: 0.4ml/min
Mobile Phase: 75:25 Acetonitrile/Water
Ionization Mode: Positive Electrospray
Nebulizer Pressure: 40 psi
Drying Gas Flow: 10L/min
Drying Gas Temp: 350 deg C
Scan Range: 50-650
Step Size: 0.10amu

Manufacture Date: 25-Feburary-2002
Expiration Date: 25-Feburary-2004

Elwood Doughty
QA Manager
Supelco, Inc.