

Chemical Information:

Name: Tebuconazole
CAS No.: 107534-96-3
Tox21_ID No.: Tox21_202331
NTP_CID No.: 1319

Supplier: Bayer Corp.
Lot No.: 703-0054
MW: 307.82 g/mol

Date of Analysis: 08 May 2009

Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Tebuconazole	21.42	100

^a Peaks comprising $\geq 0.5\%$ of total area.

LC/MS Instrument Parameters:

Instrument / Ionization	Micromass Quattro II with Shimadzu HPLC / APCI-
Solvent	Methanol
Column	Grace HP C18-AQ, 5 μ m, 250 mm x 4.6 mm ID
Injection Volume	50 μ L
Mobile Phase	Water (A) / acetonitrile (B)
Program / Flow Rate	95/5 A/B for 1 minute; 10/90 in 20 minutes, hold 1 minute / 1 mL/minute
Cone / Corona	25 V / 3.0 kV
Source Temperature	125°C
Probe Temperature	300°C
Scan Range	70 – 850 amu
Acquisition Software	MassLynx, v 4.0

