

# Chemical Information:

Name: Dehydroepiandrosterone acetate  
CAS No.: 853-23-6 Supplier: Sigma Aldrich  
Tox21\_ID No.: Tox21\_200963 Lot No.: 01011CZ  
NTP\_CID No.: 4172 MW: 330.46 g/mol

Date of Analysis: 23 July 2015

## Purity and Identity Results:

| Peak Identity                  | Retention Time (min) | Purity (% Total Area) <sup>a</sup> |
|--------------------------------|----------------------|------------------------------------|
| Ethanol                        | 1.50                 | Not applicable                     |
| Dehydroepiandrosterone acetate | 48.92                | 100.00                             |

<sup>a</sup> Peaks comprising  $\geq 0.5\%$  of total area.

## GC/MS Instrument Parameters:

|                         |   |
|-------------------------|---|
| Instrument / Ionization | Gas Chromatograph with Mass Spectrometer / Electron Impact  |
| Solvent                 | Ethanol (~ 400 µg/mL)   |
| Column                  | Restek Rtx-5MS with Integra-Guard, 30 m x 0.25 mm ID, 1-µm film thickness   |
| Carrier Gas             | Helium at 2 mL/min  |
| Oven Program            | 50°C, hold 2 min; ramp @ 5°C/min to 320°C, hold 5 min   |
| Source Temperature      | 230°C   |
| Auxiliary Temperature   | 250°C   |
| Scan Range              | 40 – 800 amu  |
| Injector Temperature    | 250°C   |
| Injection Volume / Mode | 1 µL / Split (10:1)   |
| Run Time                | 59 minutes  |
| Data Analysis Software  | MassHunter GC/MS Acquisition B.07.02.1938 / Chemstation Enhanced Data Analysis F.01.01.2317 / NIST Library Version 2.2 Build 2014 |

