

Name: 3-Deoxy Chlorthalidone-D4

Lot#: GR-14-033

Test Date: 09/10/2019 (re-test date: 09/10/2024)

CAS No.: 82875-49-8 (unlabelled)

MF: C₁₄H₇D₄ClN₂O₃S

MW: 326.79

Appearance: White Solid

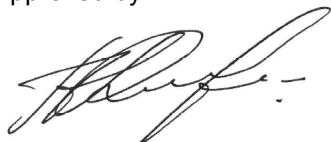
Purity: 99.3% by HPLC; >98% atom D

¹H-NMR: Conforms

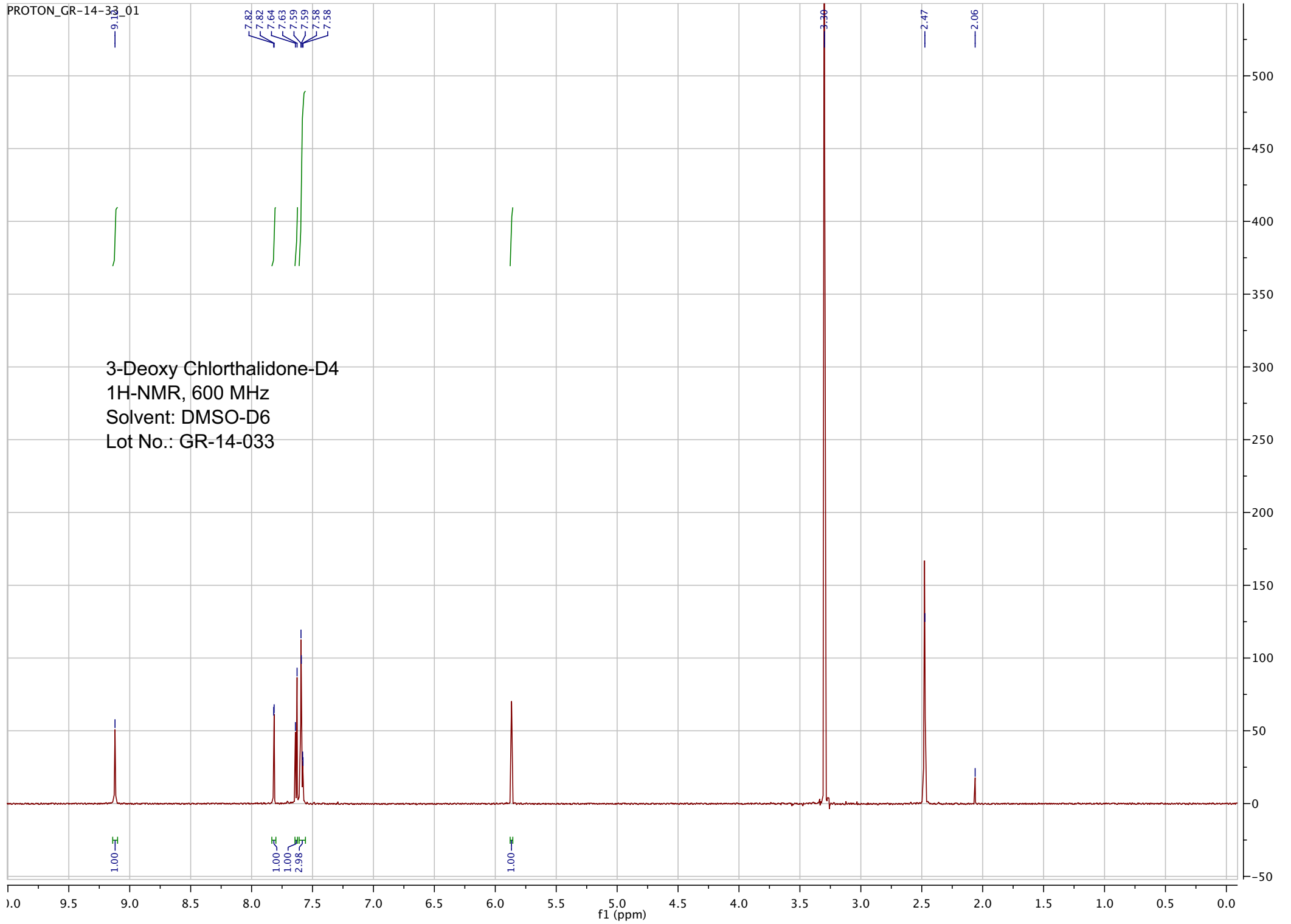
MS-ESI (+) Conforms (shows peaks at m/z = 327.05 and 329.05 [M+H]⁺, shows expected isotope pattern for mono-chloro compounds)

Approved by:

Date: 09/12/2019



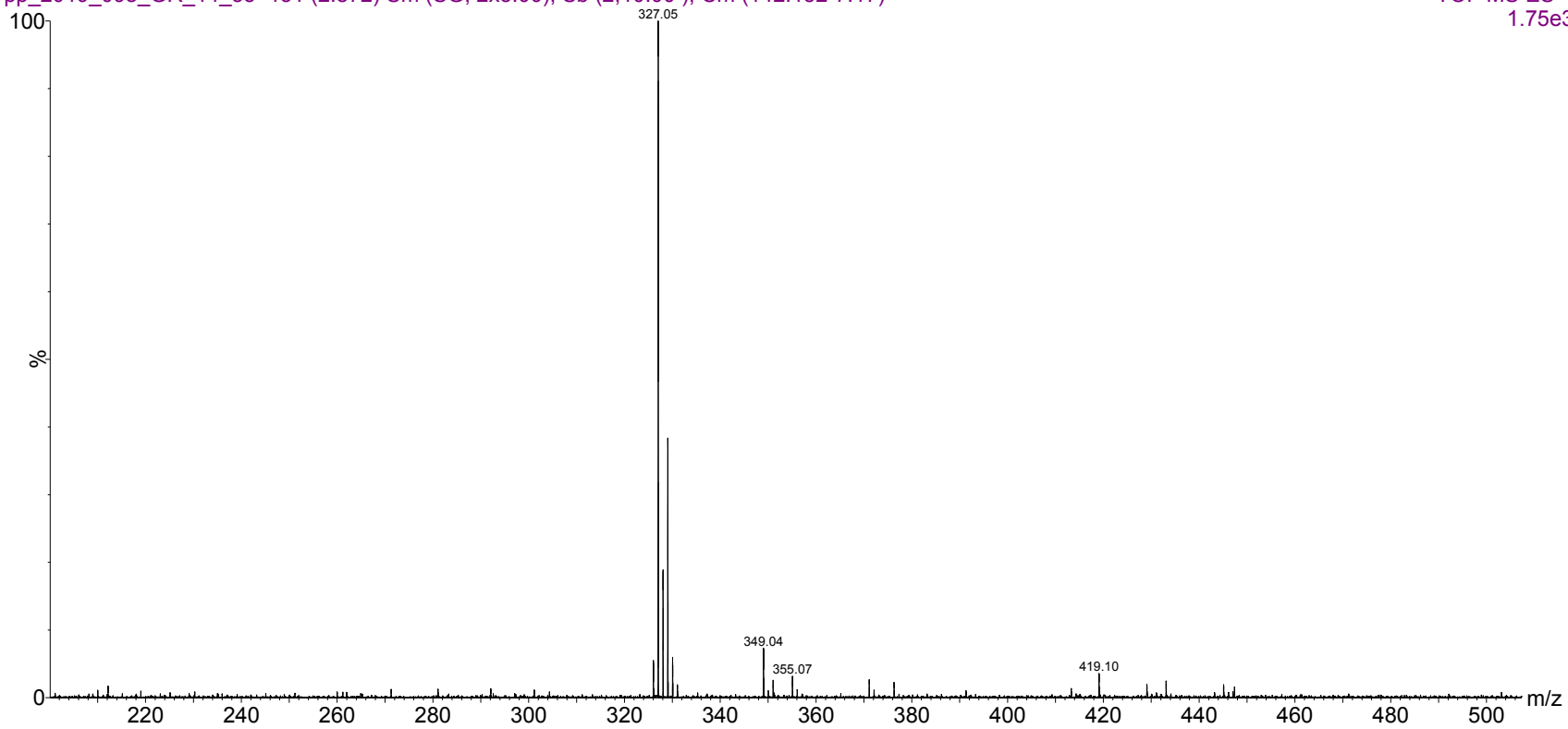
Viorica Rusu, QC/QA Manager



12-Sep-2019, 15:00:43

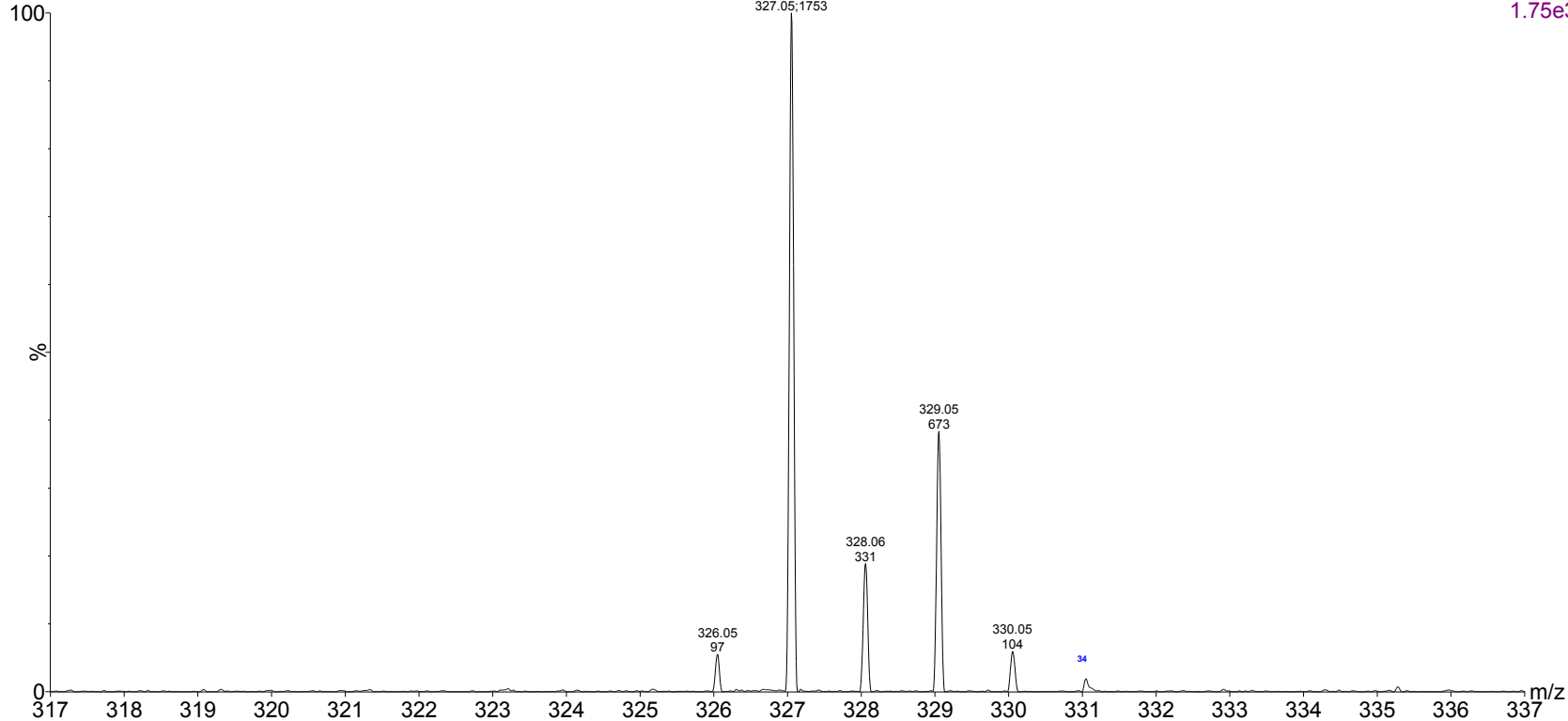
TOF MS ES+
1.75e3

pp_2019_098_GR_14_33 151 (2.872) Sm (SG, 2x5.00); Sb (2,10.00); Cm (142:152-7:17)



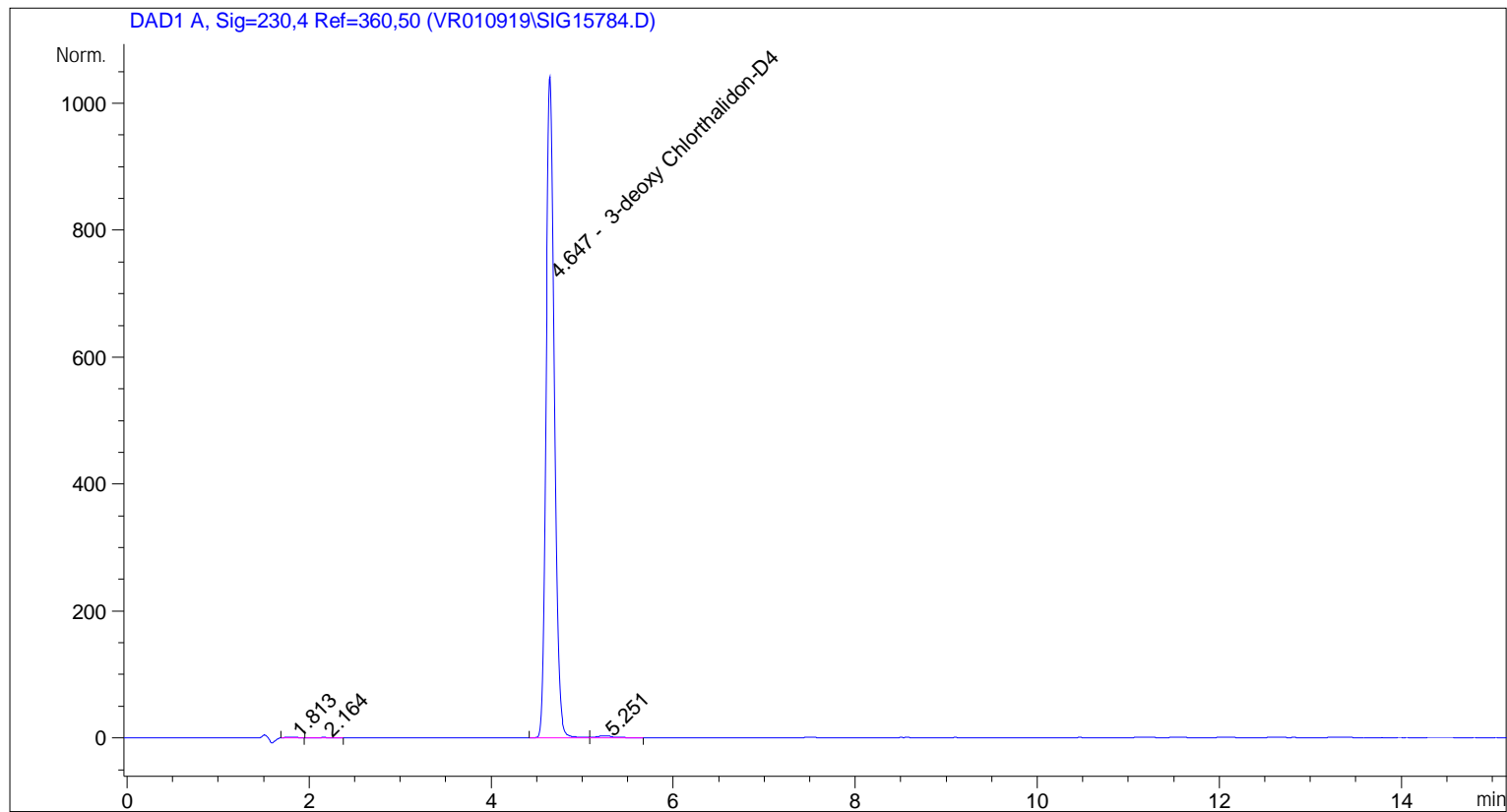
ESI-MS spectrum for sample GR-14-33. Shows monoisotopic [M+H]⁺ mass.

pp_2019_098_GR_14_33 151 (2.872) Sm (SG, 2x5.00); Sb (2,10.00); Cm (142:152-7:17)



Expansion of above showing intensity labels.

=====
Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 8
Injection Date : 9/10/2019 12:57:16 PM Inj Volume : 5.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR091019_033.M
Last changed : 9/10/2019 12:56:10 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR091019_033PM.M
Last changed : 9/10/2019 2:08:22 PM by vrusu



=====
Area Percent Report
=====

Sorted By : Signal
Calib. Data Modified : 9/10/2019 2:06:31 PM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=230,4 Ref=360,50

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	1.813	BB	0.1099	8.50391	0.1279	?
2	2.164	BB	0.1049	3.33323	0.0501	?
3	4.647	BV	0.0979	6607.69971	99.3492	3-deoxy Chlorthalidon-D4
4	5.251	VB	0.1709	31.45057	0.4729	?

Totals : 6650.98742

=====

*** End of Report ***