



**NMS Labs**

**CONFIDENTIAL**

200 Welsh Road, Horsham, PA 19044-2208  
Phone: (215) 657-4900 Fax: (215) 657-2972  
e-mail: nms@nmslabs.com

Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

**Demo Report**

**Report Issued** 03/30/2020 13:28  
**Last Report Issued** 09/01/2010 15:10

**88888**  
Clinical Example Report  
Attn: Example Reports  
200 Welsh Road  
Horsham, PA 19044

**Patient Name** 4305B-POS  
**Patient ID** 4305B-POS  
**Chain** 10001732  
**Age** Not Given **DOB** Not Given  
**Gender** Not Given  
**Workorder** 10001732  
**Received** 09/01/2010 15:07

**Sample ID** 10001732-001  
**Matrix** Blood  
**Patient Name** 4305B-POS  
**Patient ID** 4305B-POS  
**Container Type** Clear vial

**Collect Dt/Tm** Not Given  
**Source** Not Given

**Approx Vol/Weight** Not Given

**Receipt Notes** None Entered

Analysis and Comments	Result	Units	Reporting Limit	Notes
-----------------------	--------	-------	-----------------	-------

**4305B Tacrine, Blood**

Analysis by High Performance Liquid Chromatography/  
Tandem Mass Spectrometry (LC-MS/MS)

Tacrine	5000	ng/mL	1.0	ELEVATED
---------	------	-------	-----	----------

Synonym(s): Cognex®; Tetrahydroaminoacridine (THA)

Elderly patients taking daily oral doses of tacrine achieved the following steady-state peak plasma concentrations:

40 mg/day - 5.1 ng/mL

80 mg/day - 21 ng/mL

120 mg/day - 34 ng/mL

The ratio of blood to plasma concentrations is not known for this compound.

This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the US Food and Drug Administration.