

# NMR Measurement Report

Sample name: AC-32

11-4-2024

Spectrometer: Bruker 500 MHz

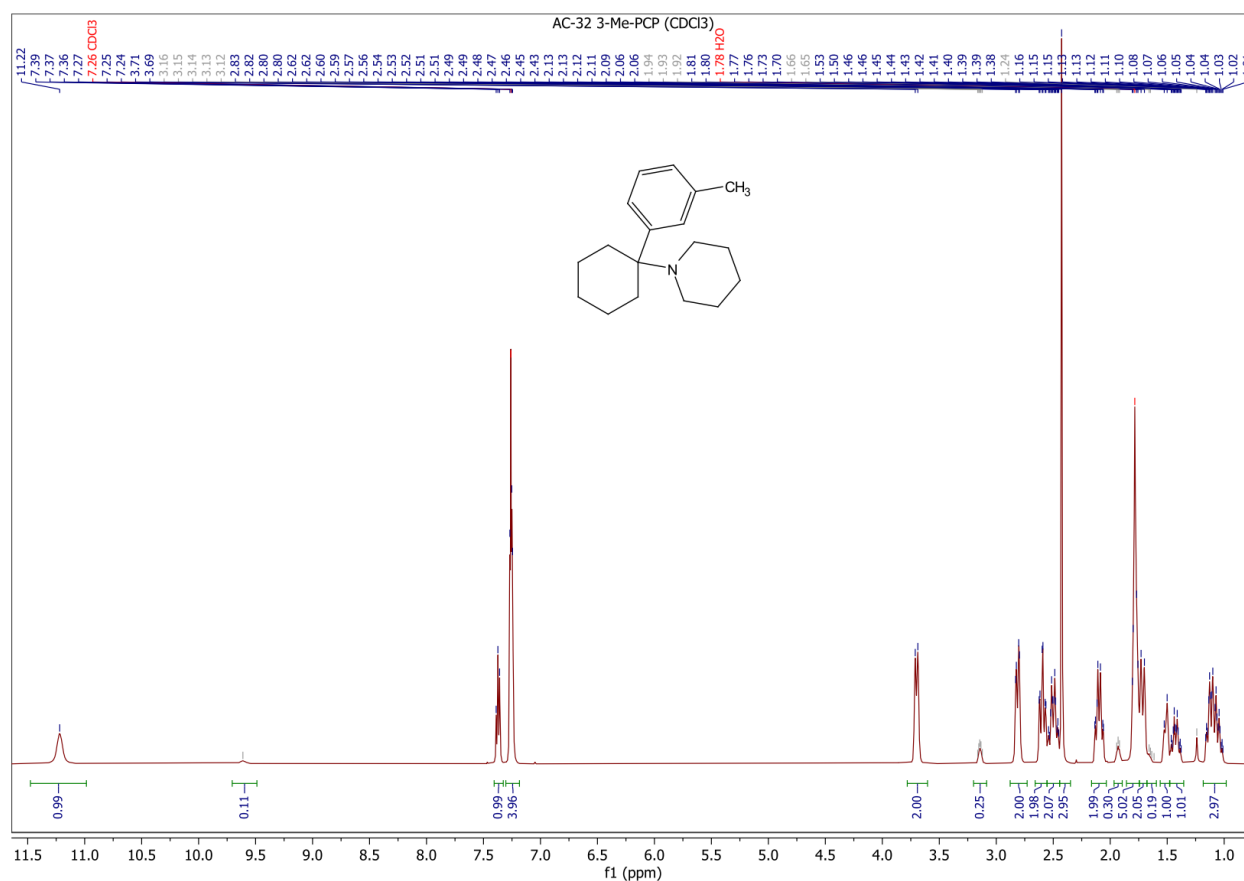
Solvent: CDCl<sub>3</sub>

Expected compound: 3-Me-PCP HCl

Identified compound: 3-Me-PCP HCl

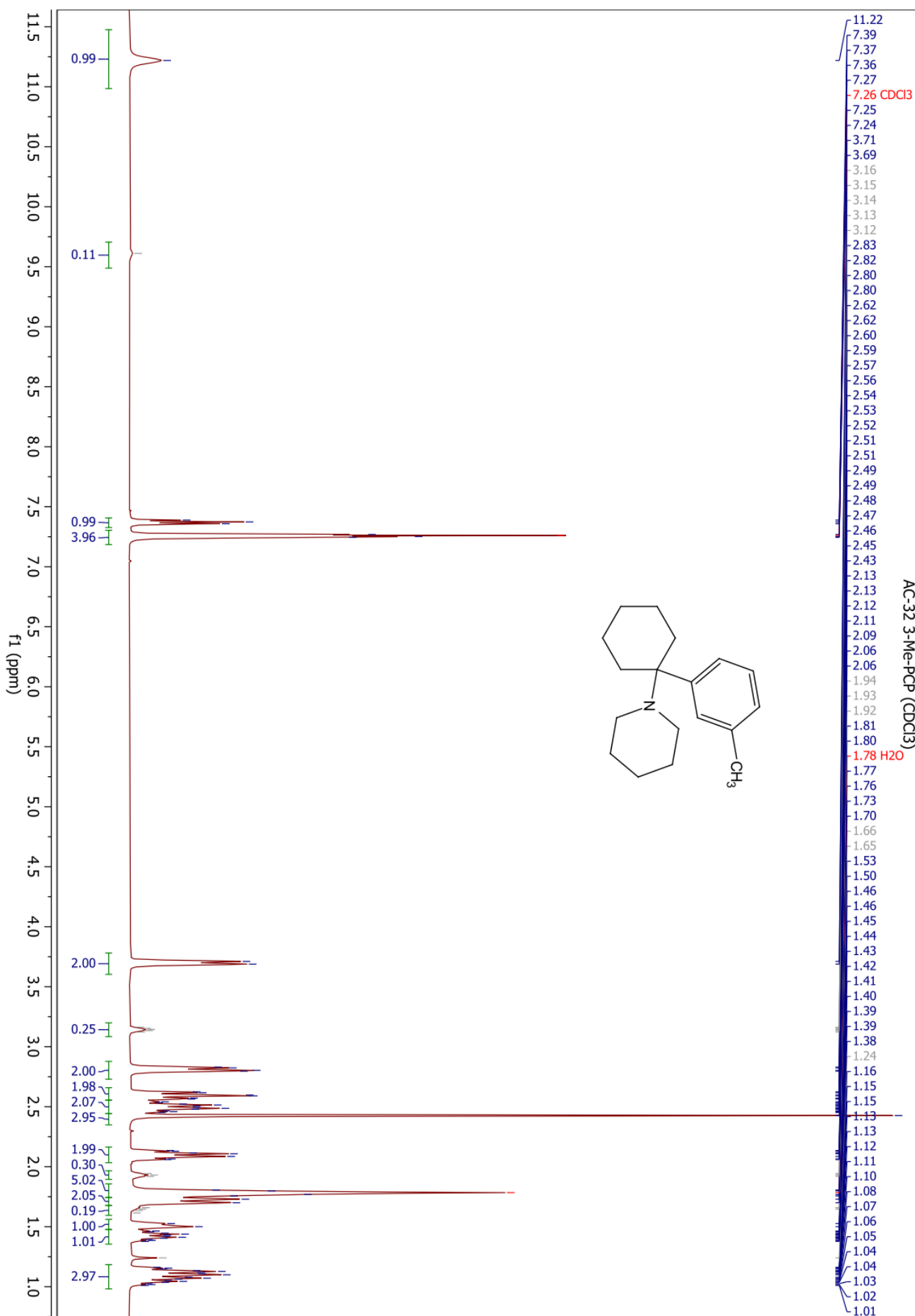
1-(1-(*m*-tolyl)cyclohexyl)piperidine

Estimated purity: ≥97%



**Lab Notes:** The sample contained the expected compound 3-Me-PCP in its HCl salt form with 2.6% piperidine HCl being the only impurity detected.

<sup>1</sup>H NMR: full non-empty spectrum



# <sup>1</sup>H NMR: cut and zoomed spectrum

