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## CERTIFICATE OF ANALYSIS

## 3-Hydroxymepivacaine-d<sub>3</sub> HCl

0.105 mg/mL (free base concentration) in Methanol

Product Number: HD-2110

Lot No.: 10280028

Chemical Identity: 3-Hydroxymepivacaine- $d_3$  HCl Storage Condition: Protect from light, freeze Chemical Purity: 99.2% by HPLC/UV

Loss on Drying (TGA) <0.2% Residue on ignition <0.2%

Isotopic Purity: 99%  $d_3 < 0.1\% d_0$ 

Formula weight: 301.83 (HCl salt) 265.37 (free base)

Combustion analysis Cale: (%) C: 59.69, H+D: 7.68, N: 9.28, Cl: 11.75

Found: (%) C: 59.31, H+D: 7.70, N: 9.10, Cl: 11.50

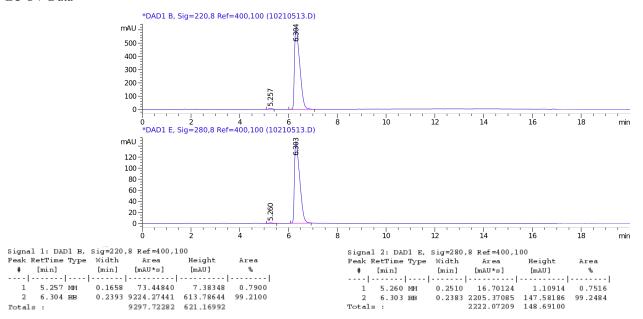
Date of Analysis: 04 February, 2013 Expiration Date: 04 February, 2015

Purity (HPLC) Prepared Concentration\* Analyzed Concentration
99.2% 0.105 mg/mL(as the free base) (±0.003 mg/mL) N/A

This compound has not been characterized sufficiently to be used as a quantitative standard. Use only as an internal standard.

\* Masses are determined using balances calibrated with NIST traceable weights. The prepared concentration is corrected for residual solvents, chromatographic and residue purity.

## Spectral and Physical Data LC UV Data



## LCMS Data

