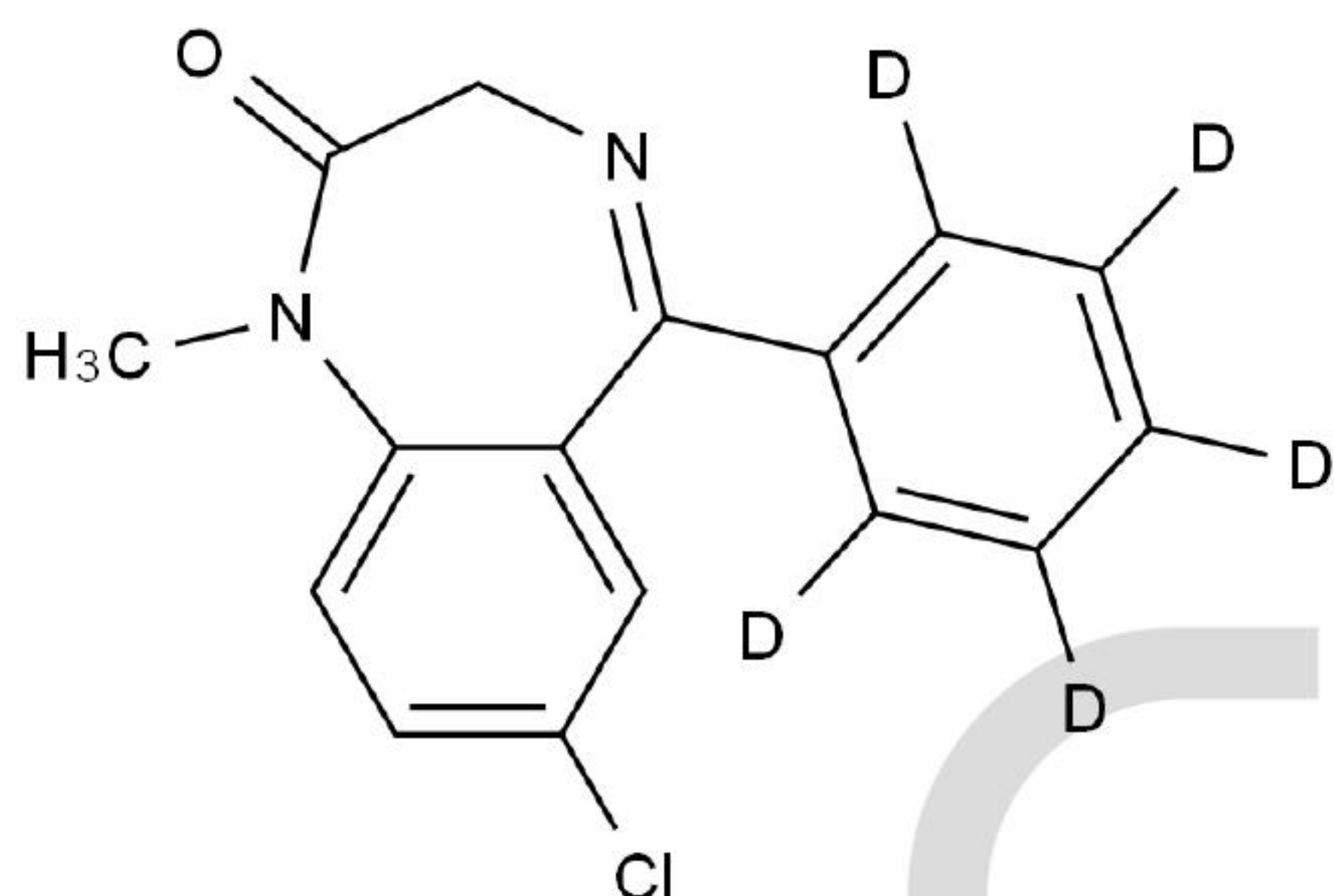


# Certificate of Analysis

## Reference Material & Standard

|                      |                   |                          |                                           |
|----------------------|-------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b> | Diazepam-d5       | <b>Catalogue Number:</b> | LCAD302478-ME                             |
| <b>Appearance:</b>   | Colourless Liquid | <b>Lot Number:</b>       | 0105-RF-0055                              |
| <b>Solvent:</b>      | Methanol          | <b>Storage:</b>          | -20°C±5°C Protected from light and Sealed |
| <b>Expiry Date:</b>  | Oct 12, 2025      |                          |                                           |

### Chemical Structure:



| NO. | Component   | CAS No.    | Certified Concentration Value<br>(µg/mL) | Uncertainty<br>(%) |
|-----|-------------|------------|------------------------------------------|--------------------|
| 1   | Diazepam-d5 | 65854-76-4 | 100.8                                    | 3                  |

### Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

### Signature:

Prepared by:

*Lisa*

Reviewed by:

*Hin Lam*

Aproved by General Manager:

*David*

Date: Jan 09, 2024

Date: Jan 09, 2024

Date: Jan 09, 2024

