

## Certificate of Analysis

Date of Testing: 2023-06-07 17:08:38

Date of Next Testing: 2026-06-06 17:08:38

Product Name: **Choline-1,1,2,2-d<sub>4</sub>bromide**

CAS Number: 285979-69-3

Specifications & Purity: 98% , 98atom%D

Lot #: E2330429

SKU # **C471988**

**Analysis:** **215625**

Storage Temperature: Store at 2-8°C,Argon charged

| Parameter                  | Limit Values          | Result                |
|----------------------------|-----------------------|-----------------------|
| Isotopic purity (Atom % D) | 98-100 (%)            | 99.50 %               |
| Purity(HPLC area)          | 98-100 (%)            | 99.00 %               |
| NMR Spectrum 1H            | Conforms to structure | Conforms to Structure |
| Appearance(C471988)        | White Powder          | White powder          |



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