

## Certificate of Analysis

Date of Testing: 2023-06-10 13:23:19  
Date of Next Testing: 2026-06-09 13:23:19  
Product Name: **Choline chloride-(trimethyl-d<sub>9</sub>)**  
CAS Number: 61037-86-3  
Specifications & Purity: 95% , 98atom%D  
Lot #: E2330493  
SKU #: **C472029**  
**Analysis:** **216722**  
Storage Temperature: Store at 2-8°C,Argon charged

Parameter	Limit Values	Result
Isotopic purity (Atom % D)	98-100 (%)	99.00 %
Purity(HPLC area)	95-100 (%)	99.80 %
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
Appearance(C472029)	White to off-white Powder	White to Off-White Powder



John Su  
QA & QC Manager