

## Certificate of Analysis

Date of Testing: 2023-05-10 17:55:48  
Date of Next Testing: 2026-05-09 17:55:48  
Product Name: **Ethanol-<sup>13</sup>C<sub>2</sub>**  
CAS Number: 70753-79-6  
Specifications & Purity: 99 atom% <sup>13</sup>C  
Lot #: D2326341  
SKU #: **E473954**  
Analysis: **205203**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.50 %
<sup>13</sup> C Enrichment	99-100 (%)	99.10000 %
<sup>13</sup> C NMR Spectrum	Conforms to Structure	Conforms to Structure
NMR Spectrum 1H	conforms to structure	Conforms to Structure
Appearance(E473954)	Clear Colorless Liquid	Clear Colorless Liquid



John Su  
QA & QC Manager