

## Certificate of Analysis

Date of Testing: 2022-06-01 13:46:31

Date of Next Testing: 2026-05-31 13:46:31

Product Name: **bicyclo[2.2.2]octane-1,4-dicarboxylic acid**

CAS Number: 711-02-4

Specifications & Purity: 97%

Lot #: E2227483

SKU #: **B177256**

**Analysis:** **082323**

Storage Temperature: Room temperature

| Parameter            | Limit Values                             | Result                                   |
|----------------------|------------------------------------------|------------------------------------------|
| Purity(GC)           | 97-100 (%)                               | 97.01 %                                  |
| Appearance (B177256) | white or almost white powder or crystals | white or almost white powder or crystals |
| Proton NMR spectrum  | Conforms to Structure                    | Conforms to Structure                    |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager