

## Certificate of Analysis

Date of Testing: 2024-08-21 17:54:59  
Date of Next Testing: 2026-08-11 17:54:59  
Product Name: **β-Carotene**  
CAS Number: 7235-40-7  
Specifications & Purity: analytical standard  
Lot #: H2415182  
SKU #: **C110502**  
Version: **0**  
Analysis #: **396108**  
Storage Temperature: Store at -20°C, Argon charged, Desiccated

| Parameter                    | Limit Values                      | Result                            |
|------------------------------|-----------------------------------|-----------------------------------|
| Melting point(Decomposition) | 176-184 (°C)                      | 180.68 °C                         |
| Purity                       | 99-100 (%)                        | 99.46 %                           |
| Appearance (C110502)         | Red to Very Dark Red-Brown Powder | Red to Very Dark Red-Brown Powder |
| Proton NMR spectrum          | Conforms to Structure             | Conforms to Structure             |



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