

Certificate of Analysis

Date of Testing: 2025-02-17 16:05:10

Date of Next Testing: 2027-02-17 16:05:10

Product Name: **Natrual β -Carotene**

CAS Number: 7235-40-7

Specifications & Purity: $\geq 96\%$ (HPLC)

Lot #: B2513327

SKU #: **C110501**

Version: **1**

Analysis #: **458395**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	96-100 (%)	99.75400 %
Loss on drying (40°C, 2h, reduce pressure, dryer: P2O5)	0-0.2 (%)	0.02 %
Loss on drying	0-0.2 (%)	0.03 %
Appearance (C110501)	red to dark brown powder	red to dark brown powder
Carbon NMR Spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL3 , Dark Red to Dark Red-Brown, Clear, 1 mg+1 mL	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager