

Certificate of Analysis

Date of Testing: 2024-06-20 14:05:16
Date of Next Testing: 2026-06-20 14:05:16
Product Name: **Natrual β -Carotene**
CAS Number: 7235-40-7
Specifications & Purity: $\geq 96\%$ (HPLC)
Lot #: F2405319
SKU #: **C110501**
Version: **0**
Analysis #: **361629**
Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Loss on drying (40°C, 2h, reduce pressure, dryer: P2O5)	0-0.2 (%)	0.14 %
Heavy metals	0-0.001 (%)	0.00 %
Loss on drying	0-0.2 (%)	0.08 %
Purity(HPLC)	96-100 (%)	98.96300 %
Appearance (C110501)	red to dark brown powder	red to dark brown powder
Solubility in CHCL3 , Dark Red to Dark Red-Brown, Clear, 1 mg+1 mL	pass	Pass
Carbon NMR Spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager