

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-26 11:24:42  
Date of Next Testing: 2027-07-26 11:24:42  
Product Name: **Natrual  $\beta$ -Carotene**  
CAS Number: 7235-40-7  
Specifications & Purity: Moligand™,  $\geq 96\%$ (HPLC)  
Lot #: G2523221  
SKU #: **C110501**  
Version: **1**  
Analysis #: **528977**  
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 (%)	0.05238 %
Purity(HPLC)	96-100 (%)	99.93600 %
Loss on drying	0-0.2 (%)	0.04065 %
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



John Su  
QA & QC Manager