

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-05 10:24:50  
Date of Next Testing: 2026-06-05 10:24:50  
Product Name: **Capsaicin**  
CAS Number: 404-86-4  
Specifications & Purity: Nature,>60.0%(HPLC)  
Lot #: L1817029  
SKU #: **C107692**  
Version: **0**  
Analysis #: **364521**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon(Typically)	69.6-70.8 (%)	70.18%
Dihydrocapsaicin	30-35 (%)	32.08%
Purity(HPLC)	60-100 (%)	66.98000%
Nitrogen(Typically)	4.5-4.6 (%)	4.53%
Melting point	62-68 (°C)	64.48000 °C
Appearance (C107692)	white to beige powder	white to beige powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL3 , Faint Yellow to Brown,Clear to Slightly Hazy , 5%	pass	Pass



John Su  
QA & QC Manager