

Certificate of Analysis

Date of Testing: 2023-06-06 15:25:42
Date of Next Testing: 2025-06-05 15:25:42
Product Name: **Capsaicin**
CAS Number: 404-86-4
Specifications & Purity: >60.0%(HPLC)
Lot #: F2303195
SKU #: **C107692**
Analysis: **223486**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon(Typically)	69.6-70.8 (%)	70.51%
Purity(HPLC)	60-100 (%)	69.86300%
Melting point	62-68 (°C)	66.28000 °C
Dihydrocapsaicin	30-35 (%)	30.10%
Nitrogen(Typically)	4.5-4.6 (%)	4.59%
Appearance (C107692)	white to beige powder	white to beige powder
Solubility in CHCL ₃ , Faint Yellow to Brown, Clear to Slightly Hazy , 5%	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager