

Certificate of Analysis

Date of Testing: 2024-06-03 13:31:47
Date of Next Testing: 2026-05-24 13:31:47
Product Name: **Capsaicin**
CAS Number: 404-86-4
Specifications & Purity: analytical standard , $\geq 95\%$ (HPLC), natural
Lot #: E2429045
SKU #: **C107691**
Version: **0**
Analysis #: **363910**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.63900 %
Carbon by Elemental Analysis	69.4-72.2 (%)	71.21 %
Nitrogen by Elemental Analysis	4.3-4.9 (%)	4.62 %
Appearance (C107691)	White to Off-White Powder	White to Off-White Powder
¹³ C NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CH ₂ Cl ₂ , clear colorless to light yellow solution, 50mg/ml	pass	Pass



John Su
QA & QC Manager