

Certificate of Analysis

Date of Testing: 2023-12-25 10:53:52
Date of Next Testing: 2025-12-14 10:53:52
Product Name: **Capsaicin**
CAS Number: 404-86-4
Specifications & Purity: analytical standard , $\geq 95\%$ (HPLC), natural
Lot #: B2226418
SKU #: **C107691**
Analysis: **308302**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.79500 %
Carbon by Elemental Analysis	69.4-72.2 (%)	70.30 %
Nitrogen by Elemental Analysis	4.3-4.9 (%)	4.43 %
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