

## Certificate of Analysis

Date of Testing: 2024-04-18 13:50:31  
Date of Next Testing: 2027-04-18 13:50:31  
Product Name: **Curcumin**  
CAS Number: 458-37-7  
Specifications & Purity:  $\geq 95\%$  (total curcumin content),  $\geq 75\%$  (Curcumin)  
Lot #: D2407161  
SKU #: **C463317**  
**Analysis:** **332146**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(HPLC,Total Curcuminoids)	95-100 (%)	97.90800 %
Carbon by Elemental Analysis	64.4-72.6 (%)	68.99 %
Purity(HPLC ,Curcumin)	75-100 (%)	75.02100 %
Appearance(C463317)	Yellow to Orange Powder	Yellow to Orange Powder
Solubility(1 mg/mL in 95% Ethanol)	pass	Pass
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
13C NMR Spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager