

Certificate of Analysis

Product name	Capsaicin	Batch number	KN220506
Batch quantity	120kg	Manufacture date	2022.05.06
Test date	2022.05.08	Expiry date	2025.05.05

Test Items	Specification		Results
Appearance	Almost white to yellowish crystals		Conform
Total Capsaicinoids	90%~110.0%		96.06%
Capsaicin	≥55%	≥75%	68.39%
Dihydrocapsaicin	≥20%		24.98%
Other capsaicin	≤15%		2.69%
Melting Point	57~66℃		61.4~63.0℃
Loss on drying	≤1.0%		0.15%
Residue on ignition	≤1.0%		0.20%
Arsenic	≤2ppm		No detected
Heavy Metals	≤10ppm		Conform
Pathogen	Bacteria:≤300CFU/g Fungus:≤100CFU/g No Salmonella or Escherichia coli should be detected		Conform
Conclusion	Conform to the USP40 and house standard		
Storage	Store in cool and dry place. Keep away from strong light and heat.		
Shelf Life	3 years		



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