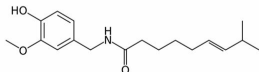


CERTIFICATE OF ANALYSIS

Product name	Capsaicin	CAS No.	404-86-4
Chemical Formula	C ₁₈ H ₂₇ NO ₃	Chemical Structure	
Batch Number	RDCE150512	Batch Quantity	10Kg
Manufacture Date	May. 12 th , 2015	Date of Certificate	May. 20 th , 2015

ANALYSIS	SPECIFICATION	RESULTS
Appearance	White to yellowish crystal	Complies
Odor	Characteristic	Complies
Assay (HPLC)	Capsaicinoids ≥ 95%	95.11%
	Capsaicin ≥ 55%	56.89.0%
	Total Content of Capsaicin and Dihydrocapsaicin ≥ 75%	85.60%
	Total Content of Other Capsaicin ≤ 15%	9.51%
Melting Range	57-66°C	60-64°C
Loss on Drying	≤ 5.0%	1.80%
Heavy Metal	<10ppm	Complies
As	< 2ppm	Complies
Microbiology		
Total Plate Count	< 300cfu/g	Complies
Yeast & Moulds	< 100cfu/g	Complies
E.Coli	Negative	Complies
Salmonella	Negative	Complies

Conclusion	Conform with specification
Storage	Store in sealed containers at cool & dry place. Protect from light, moisture and pest infestation.
Shelf life	2 years when properly stored

Quality Assurance Officer: Zhang Zhewen

Quality Control: Wang Wei