



HANGZHOU DINGYAN CHEM CO., LTD

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CERTIFICATE OF ANALYSIS

NO: DYC011312021

Product name	Capsaicin, USP30
CAS Number	404-86-4
Molecule Structure	
Molecule Formula	C18H27NO3
Batch number	20130801
Manufacture Date	2013-08-01
Testing method	USP 30 standard
Testing date	2013-12-02

Items	Standard	Result
Appearance	Off-white crystalline powder	Confirm
Capsaicinoids, HPLC	95%min	97.60%
Capsaicin (HPLC)	55%min	67.20%
Dihydrocapsaicin	20%min	26.57%
Other capsaicinoids	15% max	3.83%
Melting point	57°C-67°C	63°C-66°C
Loss on drying	1% max	0.33%
Heavy metals	20ppm max	Conform
Residue on ignition	1.0% max	Conform

Hangzhou Dingyan Chem Co., Ltd.
 QUALITY CONTROL: *Benlu Song*
Signature(s)

CHECK: 姚仙娟

INSPECTOR: 刘清风