

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	21848
Product	Capsaicin, natural
Lot Number	002537-20151217
	8-Methyl- <i>N</i> -vanillyl- <i>trans</i> -6-nonenamide
CAS Number	404-86-4
Molecular Formula	C ₁₈ H ₂₇ NO ₃
Molecular Weight	305.42

Appearance	Off-white crystalline powder
Melting Point	61-62 °C
Heavy Metals	1 ppm
Cation	Arsenic (As): Not detected Cadmium (Cd): Not detected Lead (Pb): Not detected
Yeast and Mold	10 cfu/g
Loss on Drying	0.60%
Residual Solvents	Not detected
E. Coli	Negative
Salmonella	Negative
Related Substances	Capsaicin: 58.8% Dihydrocapsaicin: 28.4% Other Capsaicinoids: 9.6%
Residue On Ignition	0.0%
Assay	96.9% (Capsaicinoids)
Storage	Store at 0-8 °C
Additional Information	Pesticides: Negative Total plate count: 100 cfu/g

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager