

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

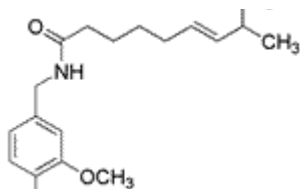
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	21848
Product	Capsaicin, natural
	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 to yellowish crystalline powder
Melting Point	57-66 °C
Heavy Metals	≤ 10 ppm
Cation	Arsenic (As): ≤ 2 ppm Cadmium (Cd): ≤ 1 ppm Lead (Pb): ≤ 1 ppm
Yeast and Mold	≤ 100 cfu/g
Loss on Drying	≤ 1.0%
Residual Solvents	≤ 1 ppm
E. Coli	Negative
Salmonella	Negative
Related Substances	Capsaicin: ≥ 55% Dihydrocapsaicin: ≥ 20% Other Capsaicinoids: ≥ 15%
Residue On Ignition	≤ 1.0%
Assay	90-110% (Capsaicinoids)
Storage	Store at 0-8 °C
Additional Information	Pesticides: Negative Total plate count: ≤ 1000 cfu/g

Product Specifications

Catalog Number: 21848

For Laboratory Use Only