

# Chem-Impex International, Inc.

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

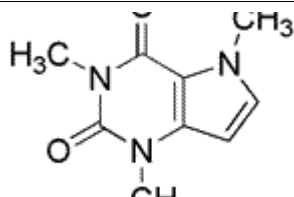
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	33898
<b>Product</b>	<b>Caffeine</b> 1,3,7-Trimethylxanthine 3,7-Dihydro-1,3,7-trimethyl-1 <i>H</i> -purine-2,6-dione
<b>CAS Number</b>	58-08-2
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>10</sub> N <sub>4</sub> O <sub>2</sub>
<b>Molecular Weight</b>	194.19

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<b>Appearance</b>	White crystalline powder
<b>Odor</b>	Odorless
<b>Melting Point</b>	236 - 237 °C
<b>Heavy Metals</b>	Heavy metals : ≤ 10 ppm Arsenic : ≤ 1.5 ppm Cadmium : ≤ 0.5 ppm Lead : ≤ 0.5 ppm Mercurv : < 0.2 ppm
<b>Cation</b>	Lead (Pb) : ≤ 1 mg/kg (FCC)
<b>pH</b>	5.5 - 6.5
<b>Yeast and Mold</b>	≤ 100 cfu/g
<b>Coliform Organisms</b>	≤ 10 cfu/g
<b>E. Coli</b>	Negative
<b>Microbial Count</b>	≤ 1000 cfu/g (TABC)
<b>Salmonella</b>	Negative/10 g
<b>Staphylococcus Aureus</b>	Negative/1 g
<b>Readily Carbonizable Substance</b>	To pass test
<b>Assay</b>	≥ 99%
<b>Grade</b>	FG, FEMA 2224
<b>Storage</b>	Store at 0 - 8 °C
<b>Additional Information</b>	Identifications : To pass test Other alkaloids : No precipitate is formed Taste : Bitter

# *Product Specifications*

Catalog Number: 33898

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**For Laboratory Use Only**