



## WEGO CHEMICAL & MINERAL CORP.

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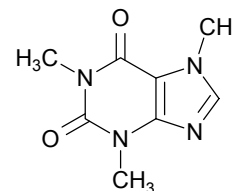
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### Product Specification Sheet

Revision Date: 02-01-07

## Caffeine



#### PRODUCT INFORMATION

Product Name	<b>Caffeine</b>
CAS Number	58-08-2
Molecular Weight	194.19
Molecular Formula	C <sub>8</sub> H <sub>10</sub> N <sub>4</sub> O <sub>2</sub>

#### SPECIFICATIONS

Appearance	White crystalline powder
Assay	98.5 – 101.5 %
Identification	Positive
Melting Point	235 – 239 °C
Appearance of Solution	Clear, colorless
Acidity	Comply with stipulate
Related Substances	≤ 0.5 %
Chromatographic Purity	≤ 0.1 %
Sulfate (SO <sub>4</sub> <sup>2-</sup> )	≤ 0.05 %
Heavy Metals	≤ 0.001 %
Loss on Drying	≤ 0.5 %
Residue on Ignition	≤ 0.1 %
Organo – Volatile Impurity	Comply with stipulate
Other Alkaloids	Comply with stipulate
Readily Carbonide	Compare solution D

#### PACKING

25 kg net drums

Other packing options are available upon request

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