



## WEGO CHEMICAL & MINERAL CORP.

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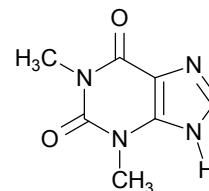
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### Product Specification Sheet

Revision Date: 02-01-07

# Theophylline



#### PRODUCT INFORMATION

Product Name	<b>Theophylline</b>
Synonyms	1,3-Dimethylxanthine; 2,6-Dihydroxy-1,3-dimethylpurine
CAS Number	58-55-9
Molecular Weight	180.16
Molecular Formula	C <sub>7</sub> H <sub>8</sub> N <sub>4</sub> O <sub>2</sub>

#### SPECIFICATIONS

Appearance	White crystalline powder
Assay	99 – 101 %
Identifications	Positive reaction
Acidity	50 mL of solution S consumes 0.01 mL
Appearance of Solution	Clear, colorless
Related Substances	≤ 0.5 %
Heavy Metals	≤ 20 ppm
Organic Volatile Impurities	Meets the requirements
Loss on Drying	≤ 0.5 %
Sulphated Ash	≤ 0.1 %
Melting Point	270 – 274 °C

#### PACKING

25 kg net bags

*Other packing options are available upon request*

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