



Specialized in chemicals

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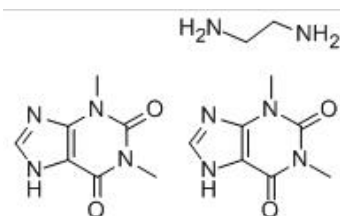
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## Technical Data Sheet

### Basic information

Chemical name	Aminophylline	Formula	2C7H8N4O2.C2H8N2
Synonyms	lasodex,aminodur,carena	Chemical structure	
CAS.No.	317-34-0		
EINECS No.	206-264-5		
Molecular weight	420.43		

### Physical properties

Appearance	A white or slightly yellowish powder, sometimes granular
Density,20°C, g/cm <sup>3</sup>	N/A
Boiling point,°C	454.1°C at 760mmHg
Melting point,°C	269-270 ° C
Flash point,°C	N/A
Refractive index	N/A
Solubility	Stabilization at normal temperature and pressure. It absorbs carbon dioxide from the air. Acid solution instability.

### Specification

Items	Enterprise Standard
Appearance	A white or slightly yellowish powder, sometimes granular
Identifications	Positive reaction
Appearance of solution	Clear and colorless
Related substances (HPMC)	Any unspecified impurities ≤ 0.10% Total Impurity ≤ 0.10%
Heavy metals,ppm	≤ 20
Water,%	≤ 1.50
Sulphated ash,%	≤ 0.10
Assay of Ethylene Diamine,%	13.5~15.0
Assay of Theophylline,%	84.0~87.4

### Application

It is mainly used for chronic bronchitis of bronchial asthma and asthma,  
and can also be used for acute cardiac insufficiency, cardiac asthma and biliary colic

### Package

- 25kg/fiber drum



### **Safety on transportation**

It belongs to common goods, always refer to MSDS.

### **Storage and handling**

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

*The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.*

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