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### CERTIFICATE OF ANALYSIS

Analysis Date:

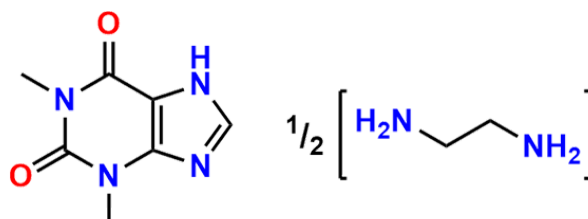
Re-test Date:

**Product Name: Aminophylline (In House Standard)**

#### Identification:

Chemical Name: 1,3-Dimethyl-3,7-dihydro-1H-purine-2,6-dione compound with ethane-1,2-diamine (1:1)

Synonyms : Dihydromyricetin  
CAS Number : 317-34-0  
CAT Number : CP-A191000  
Molecular Formula : C<sub>7</sub>H<sub>8</sub>N<sub>4</sub>O<sub>2</sub> : 1/2(C<sub>2</sub>H<sub>8</sub>N<sub>2</sub>)  
Molecular Weight : 180.17 : 1/2(60.1)



#### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>98%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.