

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-06 10:16:34

Date of Next Testing: 2026-07-05 10:16:34

Product Name: **Aminophylline**

CAS Number: 317-34-0

Specifications & Purity: $\geq 98\%$

Lot #: F2228024

SKU #: **A113912**Version: **0**Analysis #: **109562**Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(Neutralization titration)	95.5-104.5 (%)	99.58000 %
Purity(HPLC)	98-100 (%)	98.37600 %
Theophylline(titration)	84-87.4 (%)	86.45000 %
ethylenediamine	13.5-15 (%)	14.79000 %
Water by Karl Fischer	0-1.5 (%)	0.75000 %
Appearance (A113912)	White or light yellow powder	White or light yellow powder
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager