

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-02 13:59:46

Date of Next Testing: 2027-08-01 13:59:46

Product Name: **Theobromine**

CAS Number: 83-67-0

Specifications & Purity: $\geq 99\%$

Lot #: G2324158

SKU #: **T106804**

Version: **1**

Analysis #: **246661**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Neutralization titration)	98.5-100 (%)	98.90000 %
Loss on drying	0-0.5 (%)	0.30000 %
Purity(HPLC)	99-100 (%)	99.45200 %
Appearance (T106804)	White to Off-White Powder	White to Off-White Powder
Solubility,colorless to yellow,clear(50mg/ml,0.5M NaOH)	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager