

Certificate of Analysis

Date of Testing: 2023-02-09 20:45:17
Date of Next Testing: 2027-02-08 20:45:17
Product Name: **Amoxicillin Ttrihydrate**
CAS Number: 61336-70-7
Specifications & Purity: $\geq 98.0\%$
Lot #: B2304189
SKU #: **A140484**
Analysis: 140313
Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	11-15 (%)	14.16 %
Purity(HPLC)	98-100 (%)	99.68300 %
Specific rotation $[\alpha]_{20}^D(C=0.1, \text{H}_2\text{O})(\text{calcd. on anh. substance})$	290-315 ($^{\circ}$)	301.17400 $^{\circ}$
Appearance (A140484)	white powder or solid	white powder or solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager