

Certificate of Analysis

Date of Testing: 2024-07-29 10:50:22
Date of Next Testing: 2028-07-28 10:50:22
Product Name: **Amoxicillin Ttrihydrate**
CAS Number: 61336-70-7
Specifications & Purity: $\geq 98.0\%$
Lot #: G2423022
SKU #: **A140484**
Version: **1**
Analysis #: **146189**
Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	11-15 (%)	14.76 %
Purity(HPLC)	98-100 (%)	99.24400 %
Specific rotation $[\alpha]_{20/D}(C=0.1, \text{H}_2\text{O})(\text{calcd. on anh. substance})$	290-315 ($^{\circ}$)	308.66900 $^{\circ}$
Appearance (A140484)	white powder or solid	white powder or solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager