

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Ampicillin trihydrate**
Specifications & Purity: Moligand™, ≥99%(HPLC)(dry basis)
SKU # **A433388**

Parameter	Limit Values
Appearance(A433388)	White to Off White to Orange to Green powder to crystal
Infrared spectrum	Conforms to Structure
Water by Karl Fischer	12-15 (%)
Purity(HPLC)(dry basis)	99-100 (%)
Related Substances Total impurity	0-3 (%)
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in H}_2\text{O})(\text{calcd. on anhydrous substance})$	280-305 (°)