

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Noradrenaline bitartrate monohydrate**
Specifications & Purity: **≥98% (HPLC),USP**
SKU #: **N107258**

Parameter	Limit Values
Specific Rotation $[\alpha]_{20/D(c=5 \text{ in H}_2\text{O})}$	-12--10 (°)
Water by Karl Fischer	4.5-5.8 (%)
Ignition Residue(Ash)	0-0.1 (%)
Limit of Arterenone	0-0.2 (%)
Assay (Anhydrous Basis)	98-102 (%)
Appearance (N107258)	White to Off-White Powder
Identity	pass
Proton NMR spectrum	Conforms to Structure
Solubility,Colorless to faint yellow,clear(50 mg/mL, H ₂ O)	pass