

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-17 13:16:23
 Date of Next Testing: 2025-11-16 13:16:23
 Product Name: **Cefdinir**
 CAS Number: 91832-40-5
 Specifications & Purity: Moligand™, ≥97%(HPLC)
 Lot #: B2211359
 SKU #: **C129963**
 Version: **1**
 Analysis #: **296462**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in 0.1mol/L buffer sol.pH7.0 PO4	-66--58 (°)	-63.76700 °
Purity(HPLC)	97-100 (%)	97.17000 %
UV-vis spectrum E1%(λ _{max} 286-287nm in 0.1M PO4,PH 7.0)	570-610	579.60000
Purity(NonaqueousTitration)	97-100 (%)	97.20000 %
Appearance (C129963)	White to Light Beige Powder	White to Light Beige Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 0.1M Phosphate,PH 7.0(10mg/ml)	Colorless to Light Yellow Clear	Colorless to Light Yellow Clear



John Su
QA & QC Manager