

Certificate of Analysis

Date of Testing: 2024-11-19 11:46:31

Date of Next Testing: 2026-11-19 11:46:31

Product Name: **Cefdinir**

CAS Number: 91832-40-5

Specifications & Purity: Moligand™, ≥97%(HPLC)

Lot #: K2415264

SKU #: **C129963**

Version: **1**

Analysis #: **427894**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.13700 %
Specific Rotation [α] ₂₀ /D(c=1 in 0.1mol/L buffer sol.pH7.0 PO ₄	-66--58 (°)	-64.41 °
UV-vis spectrum E1%(λ _{max} 286-287nm in 0.1M PO ₄ ,PH 7.0)	570-610	596.81
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