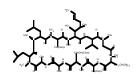


Certificate of Analysis



 $C_{63}H_{113}N_{11}O_{12}$ F.W. 1216.64

Product: Cyclosporin D Catalog No. C9613

Lot No. 23922117 CAS No. 63775-96-2

Test Type:

Test Specification Results

Description White Crystalline Powder Complies

Identification As Stipulated Complies

Solubility As Stipulated Complies

Melting Point $147.0 \sim 152.0^{\circ}$ C $148.0 \sim 151.0^{\circ}$ C

Assay (HPLC) NLT 95.0% 99.0%

Storage Temp. Room Temp.

Complies: With Enterprise Standard.