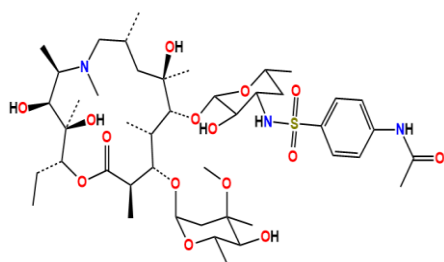


**CERTIFICATE OF ANALYSIS OF REFERENCE STANDARD**

Date of Analysis: 23 Nov 2020

**Reference standard** : Azithromycin EP Impurity Q / Azithromycin Impurity 1  
**Catalog no** : VL1860019  
**Batch no** :  
**IUPAC Name** : 3'-N-[[4-(Acetylamino)phenyl]sulfonyl]-3'-(N,N-didemethyl)azithromycin  
**CAS Number** : 2095879-65-3



**Molecular Weight** : 918.14 g/mol  
**Molecular Formula** : C<sub>44</sub>H<sub>75</sub>N<sub>3</sub>O<sub>15</sub>S

Sr. No.	Test	Results	Data ref.
1	Appearance	White Powder	-----
2	Purity by HPLC	96.03%	Chromatogram Attached
3	Mass	Confirmed	Report attached
4	NMR	Confirmed	Report attached
5	FT-IR	Confirmed	Report attached

**Method of Analysis** : Analyzed as per EP Method.  
**Material shipping conditions** : At room temperature  
**Long term storage** : Store at 2-8°C. Protect from moisture and direct sunlight.  
**Date of manufacturing** : 19 Nov 2020  
**Expiry date** : 18 Nov 2025  
**Document data reference** : AMD/LNB/VL1860019

*Certificate of Analysis is valid for 5 years from the date of manufacturing, provided the substance is stored under suitable conditions.*

Prepared by  
Analytical

Reviewed by  
QA

Approved by  
Analytical Director

INDIA

Veeprho Laboratories Pvt. Ltd.  
1st floor, Khandge Empire,  
Fun Square, Talegaon-Dabhade,  
Pune - 410506  
+91-8975512417  
research@veeprholabs.com  
sales@veeprho.com

EUROPE

Veeprho Pharmaceuticals s.r.o.  
Prumyslová 1306/7, 102 00  
Praha 15-Hostivar, Czech  
Republic, EU  
andrej@veeprho.com  
+420-773033992

USA

Veeprho Research Inc.  
300 Main St. Ste 21 PMB 1257  
Madison, NJ 07940  
research1-us@veeprho.com  
Ph.+420 773 033 992  
Ph.+420 773 033 980

UK

Veeprho Life Sciences UK Ltd.  
7 Eynsford Terrace,  
Royal Lane, West Drayton,  
Middlesex UB78QN  
research1-uk@veeprho.com  
+420-773-033-992  
+420-773-033-980