

Certificate of Analysis-Ivermectin

CAS: 70288-86-7
Batch Number: FTF0241223 Batch Quantity: 800kg
Manufacture Date: Dec.21th,2024 Analysis Date: Dec.22th,2024 Certificate Date: Dec.23th,2024

Storage Store in cool & dry place. Store in well-closed containers.
Shelf life 3 years when properly stored.

Item	Specification	Results
Characters		
Appearance	white or yellowish- white crystalline powder	white crystalline powder
Solubility	Practically insoluble in water,freely soluble in methylene chloride,soluble in alcohol.	Practically insoluble in water, freely soluble in methylene chloride,soluble in alcohol.
Identification		
A IR	Conform	Conform
B HPLC	Conform	Conform
Appearance of solution	Solution is clear,≤BY7	Solution is clear,≤BY7
Specific optical rotation(°)	-17~ -20	-18
Related substances		
Impurity(1.3<RRT<1.5)(%)	≤2.5	1.5
Any other impurity(%)	≤1	0.32
Total impurities(%)	≤5	2.5
Ethanol (%)	≤5.0	4.1
Formamide(%)	≤3.0	2.3
Water(%)	≤1.0	0.13
Sulfated ash (%)	≤0.1	0.03
The content of(H ₂ B1a+H ₂ B1b)(%)	95.0-102.0	97.3
H ₂ B ₁ a/(H ₂ B ₁ a+H ₂ B1b)(Ratio by area %)	≥90.0	98.7

Conclusion: Complies with EP11.

QC MANAGER: 刘娟 INSPECTOR: 黄子辉

