



西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

Certificate of Analysis-Ramelteon

CAS: 196597-26-9

Batch Number: FTF0260317 **Batch Quantity:** 80kg

Manufacture Date: Mar.15th,2026 **Analysis Date:** Mar.16th,2026 **Certificate Date:** Mar.17th,2026

Storage Store in cool & dry place. Store in well-closed containers.

Shelf life 3 years when properly stored.

Tests	Specifications	Results
Appearance	White to off-white crystalline powder	Complies
Solubility	Freely soluble in water and ethanol,slightly soluble in chloroform	Complies
Identification Tests	HPLC Retention Time RT matches reference(±2%)	6.85min
	FTIR Spectrum Matches reference spectrum	Complies
	UV-Vis(λmax)251nm(in methanol)	Complies
Assay	98.0-102.0%	99.5%
Related Substances	Impurity A:≤0.10%	0.08%
	Impurity B:≤.0.10%	0.06%
	Total Impuritie:≤0.50%	0.18%
Water Content	≤0.5%	0.3%
Heavy Metals	Pb≤5 ppm,Cd≤3 ppm,As≤2ppm	<1 ppm(each)
Microbial Limits	Total Plate Count<1000cfu/g	<100cfu/g
	Yeast &Moulds<100cfug	<10cfuv/g
	E.Coli Negative	Negative
	Salmonella Negative	Negative

Conclusion: Conform with enterprise specification .

QC MANAGER: 刘娟 **INSPECTOR:** 黄子烨

