



## Certificate of Analysis-Clozapine

CAS: 5786-21-0

Batch Number: FTF0240226 Batch Quantity: 600kg

Manufacture Date: Feb.24<sup>th</sup>,2024 Analysis Date: Feb.25<sup>th</sup>,2024 Certificate Date:Feb.26<sup>th</sup>,2024

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

ITEMS	STANDARD	RESULT	
Appearance	Yellow crystalline powder	Complies	
Solubility	Practically insoluble in water, freely soluble in methylene chloride, soluble in ethanol (96%). It dissolves in dilute acetic acid	Complies	
Identification			
(1)Melting point	182-186°C	Complies	
(2)IR	IR Spectrum of sample complies with that of clozapine CRS	Complies	
Tests			
Related substances	Impurity A	Not more than 0.1%	0.06%
	Impurity B	Not more than 0.2%	ND
	Impurity C	Not more than 0.3%	ND
	Impurity D	Not more than 0.2%	0.06%
	Single impurity	Not more than 0.1%	0.05%
	Total impurities	Not more than 0.6%	0.22%
Loss on drying	Not more than 0.5%	0.07%	
Sulfated ash	Not more than 0.1%	0.04%	
Assay	99.0-101.0% (dried substance)	99.2%	

**Conclusion:** Conform with enterprise specification .

QC MANAGER: **刘娟** INSPECTOR: **黄子烨**

