



西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

Certificate of Analysis-Calcium dobesilate

CAS: 20123-80-2

Batch Number: FTF0231226 Batch Quantity: 160kg

Manufacture Date: Dec.24th,2023 Analysis Date: Dec.25th,2023 Certificate Date: Dec.26th,2023

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

Items	Specification	Results
Appearance	A white or almost hygroscopic powder	A white hygroscopic powder
Identification	A. The specific absorbance at maximum 301nm is 174 to 181	Conform
	B. A blue colour and a precipitate are immediately produced	Conform
	C. 3ml or freshly prepared solution 8 glvos reaction of calcium	Conform
Solubility	A) Water: vrey soluble	A)Conform
	B) Ethanol: soluble	B)Conform
	C) Isopropanol: very slightly soluble	C)Conform
	D) Methylene chloride: very slightly soluble	D)Conform
Appearance of solution	Clear and colorless	Conform
Water	4.0~6.0%	5.6%
PH	4.5~6.0	4.6
Heavy metals	≤10PPM	<5PPM
Iron	≤10PPM	<4PPM
Residual solvent	Ethanol ≤0.5%	≤0.1%
Hydroquinone	HPLC Assay ≤0.1%	0.04%
Unspecifiled substance	HPLC Assay ≤0.1%	0.05%
Total impurities	HPLC Assay ≤0.2%	0.09%
Assay (on dried matter)	99.0%~102.0%	99.9%

Conclusion: Conform with enterprise specification .

QC MANAGER: 刘娟 INSPECTOR: 黄子烨

