



Certificate of Analysis

Product name	Deazaflavin	Manufacture date	Aug.11.2023
Batch number	SW230811	Analysis date	Aug.12.2023
Batch quantity	200kg	Expiry date	Aug.11.2025

Characteristic/method	Specification	Result
Appearance	Off-white to pale yellow Powder	Conforms
Odor	Characteristic	Conforms
Solubility	Meets the requirements	Conforms
Identification	A. Infrared spectrum should conform	Conforms
	B. Should conform	Conforms
Specific rotation	+58° ~+64°	+61°
Loss on Drying	≤3.0%	2.30%
PH	4.5~6.5	5.0
Moisture content	≤6.0%	4.60%
Absorbance	≤0.20%	Conforms
Absorbance index	360~390	Conforms
Assay	≥98%	99.30%
Any individual impurity	≤1.0%	0.38%
Sum of all impurities	≤3.0%	1.40%
Bacterial endotoxins	≤0.20 USP EU/mg	Conforms
Conclusion	Conforming to Enterprise Standard	

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Store in cool & dry place. keep away from strong light and heat
Shelf life:	2 years when properly stored

Quality Assurance Officer: 李强

Corrector: 佟丽华

