

Certificate of Analysis

Nitrofurazone

CAS No.	59-87-0	Code	BIOJNIT001
Batch No	20260511	Manufacture Date	May.27, 2026
Retest Date	May.26, 2029	Quantity	50G

Testing Items	Specifications	Results
Appearance	A brownish-Yellow crystalline powder	Complies
Identification	A: Spectroscopic identification tests<197> Infrared spectroscopy 《197K》	Complies
	B: Spectroscopic identification tests<197> Ultraviolet-visible spectroscopy 《197U》 Acceptance criteria: The ratio A_{306}/A_{375} is NMT 0.25	Complies
Impurities	Nitrofurfural diacetate $\leq 0.5\%$	0.05%
	Nitrofurazone related compound A $\leq 0.5\%$	Not detected
	Any unspecified impurity $\leq 0.1\%$	0.05%
	Total impurities $\leq 2.0\%$	0.15%
Residue on ignition	$\leq 0.1\%$	0.05%
pH	5.0~7.5	6.07
Loss on drying	$\leq 0.5\%$	0.27%
Assay	98.0%~102.0% (Calculated on the dried basis)	99.24%
Conclusion	This product conforms to USP43 standard	

***Storage condition: Store below 25°C, Protect from moisture and light.**