

CERTIFICATE OF ANALYSIS

Product Name	Nicorandil	Batch NO.	19RY0403
Production date	2019.04.03	Expired Date	2021.04.02
CAS NO.	65141-46-0	Standard	Enterprise standard
<b>Tests</b>	<b>Limits</b>		<b>Test results</b>
Appearance	White or off-white, crystalline powder		Conforms
Melting point	88.5~93.5°C		91.0~92.5°C
Identification	Color reaction: the test solution should present brown		Conforms
	Maxium absorbance at 262nm:present maxium absorbance at 262nm		Conforms
	IR: the infrared spectrum of the test substance corresponds to the standard.spectrum.		Conforms
Loss on drying	≤0.5%		0.03%
Residue on ignition	≤0.1%		0.03%
Sulphates	≤0.02%		<0.02%
Related substances	≤1.0%		<1.0%
Acidity	The test solution should present pink		Conforms
Heavy metals	≤0.0020%		<0.0020%
Residual solvent	Toluol ≤0.089%		N.D.
	Acetone ≤0.50%		N.D.
	Ethanol ≤0.50%		N.D.
Microbial limit	Total aerobic microbial count≤1000CFU/g		<10 CFU/g
	Molds and yeasts count≤100CFU/g		<10 CFU/g
	Escherichia coli: absent		Absent
Assay	98.5%~101.0%		99.2%
Conclusion: This batch meets enterprise standard.			



Tested by: Esther

Checked by: Alice

Approved by: Mich