

## Certificate of Analysis

<b>Product Name</b>	Nicotinamide CAS: 98-92-0	<b>Quantity</b>	1kg
<b>Manufacture Date</b>	2024.04.05	<b>Expiry Date</b>	2027.04.04
<b>Batch Number</b>	20240405	<b>Issue Date</b>	2024.04.10

<b>Item</b>	<b>Specification</b>	<b>Test result</b>
<b>Appearance</b>	White particle or powder	White particle
<b>Assay</b>	99.0%-101.0%	99.79%
<b>Nicotinic acid</b>	Not more than 20 ppm	4.8ppm
<b>3-Cyanopyridine</b>	Not more than 10 ppm	Complies
<b>pH of solution</b>	5.5~7.5 (10% aqueous solution)	7.25
<b>Chromaticity</b>	Not more than 7	Complies
<b>Melting range</b>	128.0-131.0° C	128.5° C
<b>Residue on ignition</b>	Not more than 0.1%(wt%)	Complies
<b>Heavy metals</b>	Not more than 20 ppm	Complies
<b>Identification</b>	Complies	Complies
<b>Readily carbonizable</b>	Complies	Complies
<b>Loss on drying</b>	Loss not more than 0.5%	0.11%
<b>Total number of colonies</b>	≤100 CFU/g	Complies
<b>Mold and yeast</b>	≤10 CFU/g	Complies
<b>Heat-resistant E. coli</b>	Must not be checked out	Complies
<b>Staphylococcus aureus</b>	Must not be checked out	Complies
<b>Conclusion</b>	This product complies with Q/VBL 0005S-2021.	

SURVEYOR: LIYONG

CHIEF INSPECTOR: LIHONG

