

## Certificate of Analysis

<b>Product Name</b>	5-[(4-Ethyl-1-piperazinyl)methyl]-2-pyridinamine CAS:1180132-17-5	<b>Quantity</b>	114.6Kg
<b>Manufacture Date</b>	2024.01.28	<b>Expire Date</b>	2026.01.27
<b>Batch Number</b>	629-1-240101	<b>Issue Date</b>	2024.02.02

Item	Specification	Test result
<b>Appearance</b>	This product should be white to brown powder or (and) particles.	brown powder
<b>Identification</b>	The infrared absorption spectrum of sample corresponds to that of reference substance.	Conforms
<b>Related substances</b>	629-1Q $\leq$ 0.10%	0.01%
	629-1L $\leq$ 0.30%	0.13%
	Max. unknown single impurity $\leq$ 0.20%	0.10%
	Total impurities $\leq$ 1.0%	0.4%
<b>Loss on drying</b>	$\leq$ 1.0%	0.4%
<b>Water</b>	$\leq$ 0.5%	0.1%
<b>Residue on ignition</b>	$\leq$ 0.5%	0.2%
<b>Assay ( On dried basis )</b>	98.0%~102.0%	99.1%
<b>Conclusion</b>	The test results indicate that the product complies with acceptance criteria.	

SURVEYOR: LIYONG

CHIEF INSPECTOR: LIHONG

