



SUZHOU DORA AGRI-TECH CO., LTD
XINYI (HONGKONG) INDUSTRIAL CO., LTD

Certificate of Analysis

Product Name: N-Acetyl-Thiazolidine -4-carboxylic acid (NATCA, Folcisteine)	Manufacturing Date: 20200329
Batch No.: 20200329	Batch Size: 2000KG
Package: 25KG/Drum	Expiry Date: 20220329

Items	Standards	Testing Results
Appearance	White or off-white powder	Conforms
Melting point	142-148°C	147.5°C
Specific Rotation	-126° ±5°	-128.9°
Iron(Fe)	≤10ppm	<4ppm
Loss on drying	≤0.50%	0.25%
Ammonium (NH ₄)	≤0.02%	<0.02%
Sulfate (SO ₄)	≤0.030%	<0.03%
Heavy metal(Pb)	≤10ppm	<6ppm
Arsenic(As ₂ O ₃)	≤1ppm	<1ppm
Assay	≥98.5%	101.5%
pH	1.50-2.50	2.2
Conclusion	The Product is conforming to the Enterprise Standard.	

Director of QC: Zhu

Checker: Zhao

Analyst: Ma

