

Shaanxi Greenyo Biotech Co., Ltd

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CERTIFICATE OF ANALYSIS

Product Name	thiamine
CAS NO.	59-43-8
EINECS NO.	200-425-3
Molecular formula	C ₁₂ H ₁₇ CIN ₄ OS
Molecular weight	300.8076

Test Items

Appearance

Identification

Appearance of Solution

PH

Sulphates

Limit of nitrate

Water

Residue on ignition

Absorbance of solution

Residual Solvents

—Methanol

—Ethanol

Related substances(Disregard limit 0.05%)

—Impurity A

—Impurity B

—Impurity C

—Any impurity

—Total impurities

Assay

Specification

white or almost

white crystalline powder or
colourless crystal

(1) should be positive reaction

(2) Consistent with the
reference IR spectra

Clear, not more intense than Y7
2.7~3.3

NMT300ppm

No brown ring

NMT5.0%

NMT0.1%

NMT0.025

NMT0.3%

NMT0.5%

NMT0.15%

NMT0.3%

NMT0.15%

NMT0.1%

NMT0.5%

98.5~101.0%

Contact us for the new

