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ISO 9001 / 14001 INNOBIZ



CERTIFICATE OF ANALYSIS

PRODUCT NAME : Thiamine hydrochloride

GRADE : GR

CAS NO. : 67-03-8

LOT NO. : T0027YJ1

Molecular Formula : C₁₂H₁₇CIN₄OS.HCl

CATALOG NO. : 8515-4125

Store Temperature : 1~30

TEST ITEM	SPECIFICATION	TEST RESULT
Assay	98.0 ~ 102.0 %	99.9 %
Residue after ignition(as sulfate)	below 0.2 %	below 0.2 %
Loss on drying(105	below 5.0 %	3.05 %
Solubility in water	passes test	pass
Heavy metal (as Pb)	below 20.0 ppm	below 20.0 ppm
Nitrate(NO ₃)	passes test	pass
Sulfate(SO	below 300 ppm	below 300 ppm
pH(1w/v% sol .,25	2.7 ~ 3.4	3.24

Appearance : white to almost white crystalline powder
Identification :

PASSES TEST

Test Date : Oct 24, 2024

Conclusion : Pass

Delivery Date : Dec 10, 2024

Test By : H.C. Jeong

Certified By : W.Y. Lee

Date of Manufacturing : Oct 24, 2024

Expiry Date : Oct 23, 2029

DAEJUNG CHEMICALS & METALS CO., LTD.

<http://www.daejung.kr>

186, Seohaean-ro, Siheung-si, Gyeonggi-do, Korea(1235-8, Jeongwang-dong)

Head Office and Shiwha Factory Tel. +82-31-488-8822-8 Fax. +82-31-433-6117 **R&D** Tel. +82-31-363-2277-9

Seoul Sales Office Tel. +82-2-764-1551-5 Fax. +82-2-745-8855