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ISO 9001 / 14001 INNOBIZ



CERTIFICATE OF ANALYSIS

PRODUCT NAME : L-(+)-Ascorbic acid

GRADE : Extra Pure

LOT NO. : A0282YK1

CATALOG NO. : 1099-4405

CAS NO. : 50-81-7

Molecular Formula : C₆H₈O₆

Store Temperature : 1~30

TEST ITEM	SPECIFICATION	TEST RESULT
Assay	above 99.0 %	99.2 %
Residue after ignition(as sulfate)	below 0.1 %	below 0.1 %
Copper(Cu)	below 0.3 ppm	below 0.3 ppm
Lead(Pb)	below 5.0 ppm	below 5.0 ppm
Nickel(Ni)	below 5.0 ppm	below 5.0 ppm
Solubility in water	passes test	pass
Zinc(Zn)	below 0.2 ppm	below 0.2 ppm
Chloride(Cl)	below 50.0 ppm	below 50.0 ppm
Iron(Fe)	below 5.0 ppm	below 5.0 ppm
Specific rotation	+20.5 ~ +21.5	+20.8
Sulfate(SO ₄)	below 20.0 ppm	below 20.0 ppm

Appearance : White crystals.
Identification : FT-IR test

PASSES TEST
PASSES TEST

Conclusion : Pass

Test Date : Nov 13, 2024

Delivery Date : Nov 15, 2024

Test By : H.J. Ji

Certified By : W.Y. Lee

Date of
Manufacturing : Nov 13, 2024

Expiry Date : Nov 12, 2029

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