

CERTIFICATE OF ANALYSIS

PRODUCT NAME : Ammonium chloride

GRADE : GR

LOT NO. : A2104YG1

CATALOG NO. : 1060-4105

CAS NO. : 12125-02-9

Molecular Formula : ClH_4N

Store Temperature : 1~30

TEST ITEM	SPECIFICATION	TEST RESULT
Assay	above 99.5 %	99.8 %
Residue after ignition(as sulfate)	below 0.01 %	below 0.01 %
Copper(Cu)	below 2.0 ppm	below 2.0 ppm
Sodium(Na)	below 100 ppm	below 100 ppm
Lead(Pb)	below 2.0 ppm	below 2.0 ppm
Magnesium(Mg)	below 5.0 ppm	below 5.0 ppm
Solubility in water	passes test	pass
Phosphate(PO)	below 2.0 ppm	below 2.0 ppm
Nitrate(NO ₃)	passes test	pass
Iron(Fe)	below 2 ppm	below 2 ppm
Potassium(K)	below 50.0 ppm	below 50.0 ppm
Sulfate(SO)	below 10.0 ppm	below 10.0 ppm
pH(5w/v% sol .,25	4.5 ~ 5.5	4.91

Appearance : white crystals or crystalline powder**PASSES TEST****Identification :****Conclusion :** Pass**Test Date :** Jul 15, 2024**Delivery Date :** Oct 28, 2024**Test By :** H.J. Ji**Certified By :** W.Y. Lee**Date of
Manufacturing :** Jul 15, 2024**Expiry Date :** Jul 14, 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