

CERTIFICATE OF ANALYSIS

PRODUCT NAME : Ammonium bicarbonate

GRADE : Extra Pure

CAS NO. : 1066-33-7

LOT NO. : A0158YE1

Molecular Formula : CH₅NO₃

CATALOG NO. : 1053-4405

Store Temperature : 1~30°C

TEST ITEM	SPECIFICATION	TEST RESULT
Assay	above 97.0 %	97.7 %
Residue after ignition(as sulfate)	below 0.01 %	below 0.01 %
Solubility in water	passes test	pass
Arsenic(As)	below 5.0 ppm	below 5.0 ppm
Chloride(Cl)	below 30.0 ppm	below 30.0 ppm
Total sulfur	below 50.0 ppm	below 50.0 ppm
Heavy metal (as Pb)	below 10.0 ppm	below 10.0 ppm
Iron(Fe)	below 10.0 ppm	below 10.0 ppm
Calcium&other alkaline earths	below 50.0 ppm	below 50.0 ppm

Appearance : Fine white crystals.
Identification :

PASSES TEST

Test Date : May 07, 2024

Conclusion : Pass

Delivery Date : Oct 28, 2024

Test By : H.J. Ji



Certified By : W.Y. Lee



Date of Manufacturing : May 07, 2024

Expiry Date : May 06, 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