

Since 1968



ISO 9001 / 14001 INNOBIZ



CERTIFICATE OF ANALYSIS

PRODUCT NAME : Magnesium sulfate 7H₂O

GRADE : Extra Pure

CAS NO. : 10034-99-8

LOT NO. : DAKMGST229

Molecular Formula : MgSO₄·7H₂O

CATALOG NO. : 5513-4405

Store Temperature : 1~30

TEST ITEM	SPECIFICATION	TEST RESULT
Assay	above 99.0 %	99.9 %
Lead(Pb)	below 20.0 ppm	below 20.0 ppm
Solubility in water	passes test	pass
Arsenic(As)	below 3.0 ppm	below 3.0 ppm
Ammonium	below 60.0 ppm	below 60.0 ppm
Chloride(Cl)	below 20.0 ppm	below 20.0 ppm
Phosphate(PO)	below 30.0 ppm	below 30.0 ppm
Nitrate(NO ₃)	passes test	pass
Iron(Fe)	below 10.0 ppm	below 10.0 ppm
Calcium(Ca)	below 500 ppm	below 500 ppm
pH(5w/v% sol., 25)	5.0 ~ 8.0	6.34

Appearance : white crystalline powder or crystals
Identification :

PASSES TEST

Conclusion : Pass

Test Date : Aug 13, 2024

Delivery Date : Nov 18, 2024

Test By : H.J. Yu

Certified By : W.Y. Lee

Date of Manufacturing : Aug 13, 2024

Expiry Date : Aug 12, 2027

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