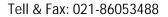
Lian Chemical Development CO.

Sodium Methoxide Production Plant

Unit 3, No. 15, Masoumi St., 5th East St., Seoul St., Tehran, Iran



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Certificate of Analysis (COA)

Product Name: Potassium Methoxide Powder Batch Number: Sample

Cas Number: 865-33-8 MFG Date: November 17, 2024

Chemical Formula: KOCH₃ Analysis Date: November 17, 2024

Quantity: Sample Expiry Date: 1 Year

Characteristics	Results	Test Method
Appearance	White powder	USP General Notices
Total Alkalinity as Potassium Methoxide	99.0%	Titration
KOCH₃	98.0%	Calculated
H ₂ O	0.15%	K.F. Titration
KOH & NaOH	0.30%	Calculated
KCI	0.05	Titration
K ₂ CO ₃	0.16%	Titration
Methanol	1.35%	Calculated

^{*}Product Specifications are subject to amendment and may change over time.

Analysis By: H	. Purtaher	Checked By: F.Parsian	Approved By: M. Jamali
Conclusion	The quality of the tested product is in conformity with its standard*		
Storage	Stored in dry and ventilated place, far from heat and water.		
COA Issuer	Quality Control Department of Lian Chemical Development CO., Ltd.		

- *: 1- Methanol purity test standard: ASTM E346-99
 - 2- Caustic potash flake purity test standard: ASTM E291-16
 - 3- Mix & KMO (Caustic potash+Methanol) test standard: ASTM E291-16
 - 4- KMO M.C. test standard: ASTM E203-16