



Lian Chemical Development Co.

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Potassium Methoxide Production Plant

Special Economic Zone, Persian Gulf Highway, Bushehr, 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:	KOCH ₃	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
KOCH ₃	98.0%	Calculated
H ₂ O	0.15%	K.F. Titration
KOH & NaOH	0.30%	Calculated
KCl	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