Qualikems Lifesciences Pvt. Ltd.

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CERTIFICATE OF ANALYSIS

Name of Product	:	Potassium Hydroxide pellets	**CAS No.**	:	1310-58-3
Molecular Formula	:	KOH	**Molecular Weight**	:	56.11 g/mole
Batch No.	:	QF2511152	**Grade**	:	LR
Mfg. Date	:	November-2025	**Retest. Date**	:	October -2030

Sr. No.	Tests	Specification	Observation
1	Appearance	White deliquescent pellets readily absorb carbon dioxide	Complies
2	Assay of KOH	Min.85 %	85.54 %
	Maximum limits of impurities:		#
3	Carbonate (K_2CO_3)	2%	0.5 %
4	Chloride(cl)	0.02%	<0.02 %
5	Sulphate(SO_4)	0.003%	<0.003 %
6	Phosphate(PO_4)	0.002%	0.001 %
7	Silicate as(SiO_2)	0.01%	0.004 %
8	Total nitrogen(N)	0.0005%	0.0003 %
9	Iron(Fe)	0.001%	< 0.001 %
10	Aluminum(Al)	0.001%	0.0004 %
11	Calcium(Ca)	0.002%	0.001 %
12	Sodium(Na)	0.5%	0.4 %
13	Arsenic(As)	0.0004%	< 0.0004 %
14	Heavy metals(Pb)	0.0005%	0.0003 %

Conclusion: Product complies as per above specification.

Note: This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.

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