

CERTIFICATE OF ANALYSIS

Product Name	Potassium hydroxide pellets 85% LR grade		
Synonyms	Potassium hydroxide		
CAS No	1310-58-3		
Product code	SY00076	Batch No	LPOBF0415
Molecular Formula	KOH	Molecular Weight	56.11
Mfg. Date	Apr-26	Expiry Date	Mar-29
Storage Conditions	Store at room temperature, tightly closed container		

Test	Specification	Results
Description	White ,deliquescent pellets	White , deliquescent pellets
Identify	K: Passes test OH: Passes test	K: Passes test OH: Passes test
Test Solution (10% w/v: Water)	The solution is clear and colourless	Complies
Solubility	Soluble in 1 to 10 parts of water	Complies
Assay (KOH)	NLT- 85.0 %	87.29 %
Carbonate (as K₂CO₃)	NMT-2.0 %	0.2%
Chloride (Cl)	NMT -0.01 %	0.009%
Sulfate (SO₄)	NMT -100 ppm	80 ppm
Heavy Metals (as Pb)	NMT- 20 ppm	<20 ppm
Iron (Fe)	NMT- 20 ppm	<20 ppm

Approved by
Dr. Gopinath PH. D

Computer Generated document, Does not require any Signature.