

Product Name:	Potassium hydroxide pellets		
Grade:	AR (Analytical Reagent)	CASR No.:	[1310-58-3]
Specification No.:	623.S.AR	Molecular formula:	KOH
Rev.No.	00	Molecular wt.:	56.11
Product Code	623	Effective date:	---

CHARACTERS:

Description: White deliquescent pellets.

Solubility: 10% solution in water is clear and colourless.

Tests:

Sr. No.	Tests	Specification	Reference
1.	Identification	K: Passes test, OH: Passes test	In-house
2.	Assay (KOH)	NLT 85.0%	In-house
3.	Carbonate (as K ₂ CO ₃)	NMT 1.0%	In-house
4.	Insoluble matter	NMT 0.01%	In-house
5.	Chloride (Cl)	NMT 0.01%	In-house
6.	Sulphate (SO ₄)	NMT 0.003%	In-house
7.	Phosphate (PO ₄)	NMT 0.0005%	In-house
8.	Calcium (Ca)	NMT 0.001%	In-house
9.	Sodium (Na)	NMT 0.50%	In-house
10.	Silicate (as SiO ₂)	NMT 0.005%	In-house
11.	Iron (Fe)	NMT 0.0005%	In-house
12.	Heavy metals	NMT 0.0005%	In-house
13.	Total Nitrogen (N)	NMT 0.001%	In-house

Storage:

- Stored in segregated, well ventilated and approved area.
- Keep container tightly closed. Material is hygroscopic.

Revision History:

Sr. No.	Revision No.	Remarks /CC No.
1.	00	New specification.

	Name	Designation	Sign& Date
Prepared By			
Reviewed By			
Approved By			