

Specification

Technical Data Sheet

CAS

1310-58-3

STORAGE

Ambient

MOLECULAR WEIGHT

56.11

PRODUCT

Potassium hydroxide pellets - Ph. Eur, BP, USP, NF, FCC

Product number	90037453
CAS number	1310-58-3
Molecular formula	KOH
Molecular weight	56.11 g/mol

PARAMETER

SPECIFICATION

Assay	85.0 - 100.5%
Identification	Conforms to reference
Assay (acidimetric)	≥85.0%
Assay (K)	≥59.9%
Chloride (Cl-)	≤0.008%
Heavy Metals (Pb)	≤0.0005%
Iron (Fe)	≤0.0010%
Potassium carbonate (K ₂ CO ₃)	≤2.0%
Residual Solvents	Excluded by the manufacturing process
Silicon Dioxide (SiO ₂)	≤0.01%
Total nitrogen (N)	≤0.0005%
Aluminium (Al)	≤0.001%
Arsenic (As)	≤0.0003%
Calcium (Ca)	≤0.002%
Copper (Cu)	≤0.0005%
Lead (Pb)	≤0.0002%

PARAMETER	SPECIFICATION
Mercury (Hg)	≤0.00001%
Phosphate (PO4)	≤0.002%
Sodium (Na)	≤1.0%
Sulphates (SO4)(2-)	≤0.005%
Zinc (Zn)	≤0.0025%

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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