

Technical Specification

PRODUCT : Potassium hydroxide solution 45% RS RSE For electronic use

CODE : 472100

MOLECULAR WEIGHT :56,1

CAS N° : 1310-58-3

FORMULA : KOH

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 20
Carbonate	%	<= 1.0
Precipitable with NH ₄ OH	ppm	<= 50
Total nitrogen	ppm	<= 0.5
Chloride	ppm	<= 5
Phosphate	ppm	<= 3
Sulfate	ppm	<= 3
Silicate	ppm	<= 10
Heavy metals (as Pb)	ppm	<= 3
Assay	%	45.0 - 46.0
Cr	ppm	<= 1
Cu	ppm	<= 0.5
Fe	ppm	<= 1
Ni	ppm	<= 1
Al	ppm	<= 1
As	ppm	<= 0.5
Ca	ppm	<= 3
Mg	ppm	<= 3
Mn	ppm	<= 0.5
Hg	ppm	<= 0.05
Pb	ppm	<= 1
Zn	ppm	<= 1

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.
 CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in