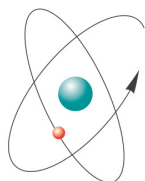


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**RESOURCE**

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MATERIAL SPECIFICATION

Product name: Potassium Hydroxide 50% Solution
Product code: 7622

Property	Unit	Specification	Typical Analysis	Method Analysis
Total Alkalinity (as KOH)	% w/w	49.5 - 50.5	50.1	Titrimetry
Total OH Alkalinity	% w/w	49.3 - 50.3	49.9	Titrimetry by difference
Chloride as Cl	ppm w/w	Max, 40	15	IC
Iron (Fe)	ppm w/w	Max. 5	2.0	ICP - AES
Mercury (Hg)	ppm w/w	Max 0.1	0.04	Cold Vapour AAS
Sodium Hydroxide	% w/w	Max 0.8	0.5	Flame Photometry
CO ₂	%		0.08	
SO ₄ ²⁻	ppm		< 10	
SiO ₂	ppm		< 15	
Ca + Mg	ppm		< 10	
Ni	ppm		< 1	
Cu	ppm		< 1	
Al	ppm		< 5	
As	ppm		< 1	

The above information has been provided by the supplier and Resource Chemical Ltd accepts no responsibility for the correctness of any details.

Revision No.: 5
Specification Date: 01.03.11
RCL Review Date: 23.07.15