

Product Sheet

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Date of Last Revision: January 1, 2010
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Document: 50% KOH.doc
Sheet 1 of 1

Caustic Potash, Liquid (Potassium Hydroxide, KOH) 50% KOH Standard Liquid Grade

Parameters	Specifications	Reference Methods
Total Alkalinity as Weight % KOH	50.0 to 51.0	ASTM: E -291.90
Weight % K ₂ CO ₃	0.2 Max.	AOAC: 920.194
Weight % NaOH	0.43 Max.	SMEWW: 3500-Na:C
Weight % Na	0.25 Max.	SMEWW: 3-Na:C
ppm KCl	50 Max.	SMEWW: 4500-Cl:F
ppm KClO ₃	10 Max.	SMEWW: 4110
ppm K ₂ SO ₄	30 Max.	SMEWW: 4500-SO ₄ ²⁻ :B
ppm Fe	2 Max.	SMEWW: 3500-Fe:C
ppm Pb	1.0 Max.	SMEWW: 3500-Pb:C
ppm Heavy Metals (as Pb)	10 Max.	SMEWW: 3120
ppm Hg	0.050 Max.	SMEWW: 3500-Hg:B

CAS Registry Number: 1310-58-3

Note: This product meets the requirements for the following standards: Food Chemicals Codex VI.
The United States Pharmacopoeia/National Formulary (32/27).
ANSI/NSF 60.
Kashruth-endorsed Orthodox Pareve Kosher at Ashtabula, Ohio

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