

Product Sheet



ASHTA Chemicals Inc. P.O. Box 858 Ashtabula, Ohio 44005-0858 440-997-5221

Revision: 3
Date of Last Revision: January 1, 2010
Replaces: September 1, 1999

Document: 50% KOH.doc
Sheet 1 of 1

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

<u>Parameters</u>	<u>Specifications</u>	<u>Reference Methods</u>
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

(Controlled copy)

NOTICE: The data and information in this bulletin are to the best of ASHTA Chemicals' knowledge complete, accurate, and correct, however, no representations or warranties, written or oral, express or implied, are made by ASHTA Chemicals Inc., as to such data and information or that the goods mentioned herein are suitable for any particular purpose or merchantable, or that such goods are free from any patent infringement. Purchasers should satisfy themselves of the suitability of any such goods for the purpose intended prior to purchase.