

# Product Sheet

**Issued: October 26, 2020**  
**Revision: 1**

**Document: 45% Potassium Hydroxide Membrane Grade**  
 Sheet 1 of 1

## 45% Potassium Hydroxide Membrane Grade

Parameter	Specifications	Reference Methods
Total Alkalinity as KOH (% wt.)	45.0 to 46.0	ASTM: E - 291.90
Carbonate, as K <sub>2</sub> CO <sub>3</sub> (% wt.)	0.2 Max.	AOAC: 920.194
Sodium as Na (ppm)	2,500 Max.	SMEWW: 3500-Na:C
Chlorides as KCl (ppm)	50 Max.	SMEWW: 4500-Cl:F
Chlorates as KClO <sub>3</sub> (ppm)	30 Max.	SMEWW: 4110
Sulfates as K <sub>2</sub> SO <sub>4</sub> (ppm)	30 Max.	SMEWW: 4500-SO <sub>4</sub> <sup>2-</sup> :B
Iron, (ppm)	2 Max.	SMEWW: 3500-Fe:C

CAS Registry Number: 1310-58-3

**Note:**

Meets chemical test requirements of Food Chemical Codex, 10<sup>th</sup> ed.  
 ANSI/NSF 60 Certified (when sourced directly from Ashtabula)  
 Star-K Kosher Certified

Not produced in accordance with all applicable cGMP requirements as defined by the FDA



# Product Sheet

Issued: October 26, 2020  
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Document: 50% Potassium  
Hydroxide Membrane Grade  
Sheet 1 of 1

## 50% Potassium Hydroxide Membrane Grade

Parameter	Specifications	Reference Methods
Total Alkalinity as KOH (% wt.)	50.0 to 51.0	ASTM: E - 291.90
Carbonate, as $K_2CO_3$ (% wt.)	0.2 Max.	AOAC: 920.194
Sodium as Na (ppm)	2,500 Max.	SMEWW: 3500-Na:C
Chlorides as KCl (ppm)	50 Max.	SMEWW: 4500-Cl:F
Chlorates as $KClO_3$ (ppm)	30 Max.	SMEWW: 4110
Sulfates as $K_2SO_4$ (ppm)	30 Max.	SMEWW: 4500-SO <sub>4</sub> <sup>2-</sup> :B
Iron, (ppm)	2 Max.	SMEWW: 3500-Fe:C

CAS Registry Number: 1310-58-3

**Note:**

Meets chemical test requirements of Food Chemical Codex, 10<sup>th</sup> ed.  
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