

Product Specification

Test	Specification
Assay (KOH)	45,0 – 46,5 %
Color (APHA)	≤ 10
Appearance	Passes Test
Density (g/mL) at 25°C	1,45 – 1,47
Identification	Passes Test
Insoluble Matter	≤ 30 ppm
Potassium Carbonate (K ₂ CO ₃)	≤ 1000 ppm
Ammonium Hydroxide Precipitate	≤ 30 ppm
Chloride (Cl)	≤ 30 ppm
Nitrogen Compounds (as N)	≤ 2 ppm
Phosphate (PO ₄)	≤ 1 ppm
ACS – Sulfate (SO ₄)	≤ 5 ppm
Trace Impurities – Aluminum (Al)	≤ 5,000 ppm
Trace Impurities – Chromium (Cr)	≤ 5,0 ppm
Trace Impurities – Copper (Cu)	≤ 0,050 ppm
Heavy Metals (as Ag)	≤ 3 ppm
Trace Impurities – Iron (Fe)	≤ 1 ppm
Trace Impurities – Lead (Pb)	≤ 2,000 ppm
Trace Impurities – Mercury (Hg)	≤ 0,10 ppm
Trace Impurities – Nickel (Ni)	≤ 1,000 ppm
Trace Impurities – Sodium (Na)	≤ 200,000 ppm
Trace Impurities – Zinc (Zn)	≤ 5,000 ppm

Potassium Hydroxide, 45% Solution
BAKER ANALYZED® Electronic Grade



Material No.: 3149-09

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For Microelectronic Use

Packaging Site: Phillipsburg Mfg Ctr & DC

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A handwritten signature in white ink on a blue background, reading 'Jamie Ethier' in a cursive script.
Jamie Ethier
Vice President Global Quality

For questions on this Product Specification please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

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