

About this item

CAS Number:10043-35-3 **Formula:** B(OH)₃

MDL Number:MFCD00011337 **Merck Index:**13,01326

Boiling Pt:185 °C (1013 hPa) **Melting Pt:**160 °C

Density:1.44 g/cm³ (25 °C) :61.83 g/mol **Storage Temperature:**Ambient

EINECS:233-139-2 :GHS07 **REACH:**01-2119486683-25 :GHS08

Specification Test Results

Meets E.P. Chemical Specifications:	88.0 - 92.0%	EP - Ether-Insoluble Substances:	Passes Test
GMP Manufactured Product:	Passes Test	EP - Identification A:	Passes Test
Meets U.S.P Requirements:	Passes Test	EP - Identification B:	Passes Test
CAUTION: For Manufacturing, processing or repackaging:	Passes Test	EP - Identification C:	Passes Test
Bulk Pharmaceutical Chemical:	Passes Test	EP - Methanol (by GC):	≤ 50 ppm
USP - Assay (CH ₃ CHOHCOOH):	88.0 - 92.0 %	EP - Sugars and Other Reducing Substances:	Passes Test
USP - Chloride (Cl):	Passes Test	EP - Sulfate (SO ₄):	≤ 200 ppm
USP - Citric, Oxalic, Phosphoric, or Tartaric Acids:	Passes Test	EP - Sulfated Ash:	≤ 0.1 %
USP - Identification:	Passes Test	JP - Assay (CH ₃ CHOHCOOH):	85.0 - 92.0 %
USP - Readily Carbonizable Substances:	Passes Test	JP - Chloride (Cl):	≤ 0.036 %
USP - Residue on Ignition:	≤ 0.05 %	JP - Citric, Oxalic, Phosphoric, or Tartaric Acids:	Passes Test
USP - Sugars:	Passes Test	JP - Cyanide (CN):	Passes Test
USP - Sulfate (SO ₄):	Passes Test	JP - Glycerin and Mannitol:	Passes Test
EP - Assay (CH ₃ CHOHCOOH):	88.0 - 92.0 %	JP - Heavy Metals (as Pb):	≤ 10 ppm
EP - Appearance:	Passes Test	JP - Identification:	Passes Test
EP - (S)-enantiomer:	≥ 95.0 %	JP - Iron (Fe):	≤ 5 ppm
EP - Calcium (Ca):	≤ 200 ppm	JP - Readily Carbonizable Substances:	Passes Test
EP - Citric, Oxalic, and Phosphoric Acids:	Passes Test	JP - Residue on Ignition:	≤ 0.10 %
EP - Endotoxin Concentration, <5 IU/g:	Passes Test	JP - Sugars:	Passes Test
		JP - Sulfate (SO ₄):	≤ 0.010 %
		JP - Volatile Fatty Acids:	Passes Test
		JP - Optical Rotation:	-52 - -46 Degree