

PRODUCT IDENTITY

PRODUCT NAME	Sodium bitartrate monohydrate	PRODUCT NUMBER	S476200
Grades & Purity	UltraBio™, Ultra pure, ≥99%(T)	VERSION	3
CAS NUMBER	6131-98-2	FORMULA	C ₄ H ₅ NaO ₆ ·H ₂ O
FORMULA WEIGHT	190.08g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(S476200)	Colorless or White Powder or Crystals
Purity(Titration by NaOH)	98.5-102.5 (%)
specific rotation [α] ₂₀ /D(C=1 in water)	21 ~ 23 (°)
Infrared spectrum	Conforms to Structure
ICP: Confirms Sodium Component	Confirmed
Aluminum(Al)	0-5 (ppm)
Barium(Ba)	0-5 (ppm)
Bismuth(Bi)	0-5 (ppm)
Calcium(Ca)	0-50 (ppm)
Cadmium(Cd)	0-5 (ppm)
Cobalt (Co)	0-5 (ppm)

PARAMETER	SPECIFICATION / LIMIT
Chromium(Cr)	0-5 (ppm)
Copper(Cu)	0-5 (ppm)
Iron(Fe)	0-5 (ppm)
Potassium(K)	0-50 (ppm)
Lithium(Li)	0-5 (ppm)
Magnesium (Mg)	0-5 (ppm)
Manganese(Mn)	0-5 (ppm)
Molybdenum(Mo)	0-5 (ppm)
Nickel(Ni)	0-5 (ppm)
Lead(Pb)	0-5 (ppm)
Strontium(Sr)	0-5 (ppm)
Zinc(Zn)	0-5 (ppm)
Arsenic(As)(MHS-AAS)	0-0.1 (ppm)
Total sulfur as SO ₄ (ICP)	0-50 (ppm)
Chloride (Cl ⁻)	0-50 (ppm)
PH(0.1M, Water)	2.5-4.0
UV Absorbance 260nm(0.1 M in H ₂ O)	0-0.01
UV Absorbance 280nm(0.1 M in H ₂ O)	0-0.01