

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Potassium bromide,FT-IR grade, 99.5%

ITEM NUMBER: P116276  
BRAND: Aladdin  
CAS NUMBER: 7758-02-3  
MDL NUMBER: MFCD00011358  
FORMULA: KBr  
MOLECULAR WEIGHT: 119.00

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White Powder or Crystals		
Br(Titration by AgNO <sub>3</sub> )	66.5 %	67.8 %	67.8 %
Infrared spectrometry	Almost a straight line		
Purity(Based On Trace Metals Analysis)	99.5 %	100 %	100 %
Solubility	Colorless Clear ,5 g + 7.5 mL H <sub>2</sub> O		
Trace Metal Analysis by ICP and AA(Na,Rb,Ca,Al,Tl,Mn)	0 ppm	10000 ppm	10000 ppm
Water by Karl Fischer	0 %	1 %	1 %
X-Ray Diffraction	Conforms to Structure		