

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Formamide**
 Specifications & Purity: UltraBio™, Suitable for molecular biology, ≥99.5%(T)
 SKU #: **F755739**

Parameter	Limit Values
Appearance(F755739)	Colorless Liquid
Assay(NT)	99.5-100.5 (%)
Refractive index n ₂₀ /D	1.446-1.448
Proton NMR spectrum	Conforms to Structure
Water by Karl Fischer	0-0.1 (%)
Residue on ignition(Ash)	0-0.1 (%)
pH(25 °C,1M in H ₂ O)	6.5-9.4
Silver(Ag)	0-5 (ppm)
Aluminium(Al)	0-1 (ppm)
Barium(Ba)	0-1 (ppm)
Bismuth(Bi)	0-1 (ppm)
Calcium(Ca)	0-5 (ppm)
Cadmium(Cd)	0-1 (ppm)
Cobalt (Co)	0-1 (ppm)
Chromium(Cr)	0-1 (ppm)
Copper(Cu)	0-1 (ppm)
Iron(Fe)	0-1 (ppm)
Potassium(K)	0-20 (ppm)
Lithium(Li)	0-1 (ppm)
Magnesium (Mg)	0-1 (ppm)
Manganese(Mn)	0-1 (ppm)
Molybdenum(Mo)	0-1 (ppm)
Sodium(Na)	0-20 (ppm)
Nickel(Ni)	0-1 (ppm)
Lead(Pb)	0-1 (ppm)
Strontium(Sr)	0-1 (ppm)
Zinc(Zn)	0-1 (ppm)
Chloride (Cl ⁻)	0-1 (ppm)
Ion chromatography(NH ₄ ⁺)	0-1000 (ppm)
UV Absorbance 260nm(10 M in H ₂ O)	0-0.4
UV Absorbance 280nm(10 M in H ₂ O)	0-0.1
Residue (filter test)	no residue

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Parameter

Extraneous activities(DNAses,RNAses,Proteases,Phosphatases)

Limit Values

Pass