

Specification Sheet

Product Name: **Phenol**
Specifications & Purity: UltraBio™, Suitable for molecular biology, TE-saturated, ~73% (T)
SKU # **P755666**

Parameter	Limit Values
Appearance(P755666)	Yellow to Very Dark Yellow liquid
Assay(TITRATION (T) NAOH 1M)	69-77 (%)
Refractive index n _{20/D}	1.465 -1.494
PH (10% Water)	7.3-8.3
Water by Karl Fischer	23-31 (%)
Aluminium(Al)	0-5 (ppm)
Barium(Ba)	0-5 (ppm)
Bismuth(Bi)	0-5 (ppm)
Calcium(Ca)	0-10 (ppm)
Cadmium(Cd)	0-5 (ppm)
Cobalt (Co)	0-5 (ppm)
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)
Sodium(Na)	0-50 (ppm)
Nickel(Ni)	0-5 (ppm)
Lead(Pb)	0-5 (ppm)
Strontium(Sr)	0-5 (ppm)
Zinc(Zn)	0-5 (ppm)
Arsenic traces(MHS-AAS)	0-0.1 (ppm)
Total sulfur as SO ₄ (ICP)	0-50 (ppm)
Dnases, Rnases, Proteases, Phosphatases	None Detected
Residue (filter test)	no residue