

Specification Sheet

Product Name: **TAPS**
 Specifications & Purity: for cell culture, $\geq 99.5\%$ (T)
 SKU #: **T108963**

Parameter	Limit Values
pKa	≥ 0
(Pb)Lead	0-0.001 (%)
useful PH range	7.7-9.1
Insoluble matter	0-0.1 (%)
Calcium(Ca)	0-0.001 (ppm)
Aluminum(Al)	0-0.0005 (ppm)
Chloride (Cl-)	0-0.05 (%)
Copper(Cu)	0-0.0005 (%)
Sodium(Na)	0-0.005 (%)
Potassium(K)	0-0.005 (%)
A280(1M,H2O)	0-0.05
Iron(Fe)	0-0.0005 (%)
Phosphorus (P)	0-0.005 (%)
Ignition Residue (as sulfate)	0-0.1 (%)
Ammonia (NH ₄)	0-0.05 (%)
A260(1M,H2O)	0-0.05
Purity(Titration by AgNO ₃)	99.5-100.5 (%)
Zinc(Zn)	0-0.0005 (%)
Water by Karl Fischer	0-0.5 (%)
Magnesium (Mg)	0-0.0005 (ppm)
Appearance (T108963)	White powder
Cell Culture Test	pass
DNase, RNase and Protease	None Detected
Infrared spectrum	Conforms to Structure
Solubility in H ₂ O , soluble , 1M , 20°C, clear, colorless	pass