

SPECIFICATION

Multielement Standard Solution for ICH Q3D Injection
for ICP Analysis

REQUIREMENT	SPECIFICATION
Appearance	Slightly blue ~ slightly bluish green, clear liquid
Acidity (as HNO ₃)	4~6w/w%
Cadmium (Cd)	1.94~2.06 $\mu\text{g}/\text{mL}$
Lead (Pb)	4.85~5.15 $\mu\text{g}/\text{mL}$
Arsenic (As)	14.6~15.4 $\mu\text{g}/\text{mL}$
Cobalt (Co)	4.85~5.15 $\mu\text{g}/\text{mL}$
Vanadium (V)	9.7~10.3 $\mu\text{g}/\text{mL}$
Nickel (Ni)	19.4~20.6 $\mu\text{g}/\text{mL}$
Lithium (Li)	243~257 $\mu\text{g}/\text{mL}$
Antimony (Sb)	87.3~92.7 $\mu\text{g}/\text{mL}$
Copper (Cu)	291~309 $\mu\text{g}/\text{mL}$
Trace impurities	to pass test