

DRINKING WATER
SANS 241:2015

The South African National Standard (SANS) 241 Drinking Water Specification states the minimum requirements for potable water to be considered safe for human consumption. The below tables outline these requirements. Requirements include microbiological, physical, aesthetic and chemical properties.

MICROBIOLOGICAL PARAMETERS			
PARAMETER	UNIT	RISK	LIMIT
Heterotrophic plate count	Count per 1mL	Operational	≤1000cfu/1ml
Total coliforms	Count per 100ml	Operational	≤10cfu/100ml
Faecal coliforms	Count per 100ml	Acute	None found
E.coli	Count per 100ml	Acute	None found
Somatic coliphages	Count per 10ml	Operational	None found
Gardia spp	Count per 10L	Acute	None found
Cryptosporidium spp	Count per 10L	Acute	None found