TRITON Error correction sheet

ICP-OES V1.1

Unwanted heavy metals

Quicksilver Hg	**RED too high**	4x 15% weekly WC with PURE or recommended salt.
	RED too low	OK
	YELLOW too high	be aware of higher levels and search for the reason of elevated level
	YELLOW too low	OK
Selenium Se	**RED too high**	4x 15% weekly WC with PURE or recommended salt.
	RED too low	OK
	YELLOW too high	be aware of higher levels and search for the reason of elevated level
	YELLOW too low	OK
Cadmium Cd	**RED too high**	4x 15% weekly WC with PURE or recommended salt.
	RED too low	OK
	YELLOW too high	be aware of higher levels and search for the reason of elevated level
	YELLOW too low	OK
Tin Sn	**RED too high**	4x 15% weekly WC with PURE or recommended salt.
	RED too low	OK
	YELLOW too high	be aware of higher levels and search for the reason of elevated level
	YELLOW too low	OK
Antimony Sb	**RED too high**	4x 15% weekly WC with PURE or recommended salt.
	RED too low	OK
	YELLOW too high	be aware of higher levels and search for the reason of elevated level
	YELLOW too low	OK

Unwanted heavy metals

Arsenic As	**RED too high**	4x 15% weekly WC with PURE or recommended salt.
	RED too low	OK
	YELLOW too high	be aware of higher levels and search for the reason of elevated level
	YELLOW too low	OK
Aluminium Al	**RED too high**	4x 10% weekly WC with PURE or recommended salt. Remove Al PO4 Media
	RED too low	OK
	YELLOW too high	be aware of higher levels and search for the reason of elevated level, OK if using Al PO4 media
	YELLOW too low	OK
Lead Pb	**RED too high**	4x 15% weekly WC with PURE or recommended salt.
	RED too low	OK
	YELLOW too high	be aware of higher levels and search for the reason of elevated level
	YELLOW too low	OK
Titanium Ti	**RED too high**	4x 15% weekly WC with PURE or recommended salt.
	RED too low	OK
	YELLOW too high	be aware of higher levels and search for the reason of elevated level
	YELLOW too low	OK
Copper Cu	**RED too high >15 ppb !!!**	1x Use DETOX. 2x 15% weekly WC with PURE (not relevant for ZEO systems)
	RED too low	OK
	YELLOW too high	be aware of higher levels and search for the reason of elevated level
	YELLOW too low	OK

Macro-Elements

Sodium Na	RED too high	check salinity	
	RED too low	check salinity	
	YELLOW too high	check salinity	
	YELLOW too low	check salinity	
Magnesium Mg	RED too high	check Testkit	Maximum dosage per day 50ml on 100l DT
	RED too low	dosage recommended	
	YELLOW too high	check Testkit	
	YELLOW too low	dosage recommended	
Calcium Ca	RED too high	check Testkit	Maximum dosage per day 10ml on 100l DT
	RED too low	dosage recommended	
	YELLOW too high	check Testkit	
	YELLOW too low	dosage recommended	
Potassium K	RED too high	check Testkit	Maximum dosage per day 20ml on 100l DT
	RED too low	dosage recommended	
	YELLOW too high	check Testkit	
	YELLOW too low	dosage recommended	
Bromine Br	RED too high	check quality of used salts, if you dose Br, stop immediately. 4x 15% weekly WC with TM PRO salt	
	RED too low	contact us	
	YELLOW too high	check quality of used salts, if you dose Br, stop immediately. 2x 15% weekly WC with TM PRO salt	
	YELLOW too low	Ok, contact us if you want	

Macro-Elements

Boron B	**RED too high**	check Testkit if you dose B, stop immediately. 4x 15% weekly WC with recommended salt.	**Maximum dosage per day 20ml on 100l DT**
	RED too low	dosage recommended	
	YELLOW too high	check Testkit if you dose B, stop immediately. 2x 15% weekly WC with recommended salt.	
	YELLOW too low	dosage recommended	

Strontium Sr	**RED too high**	check Testkit if you dose Sr, stop immediately. 2x 10% weekly WC with recommended salt.	**Maximum dosage per day 20ml on 100l DT**
	RED too low	dosage recommended	
	YELLOW too high	check Testkit if you dose Sr, stop immediately.	
	YELLOW too low	dosage recommended	

Macro-Elements

Sulphur S	**RED too high**	check salinity 4x 15% weekly WC with PURE or recommended salt.
	RED too low	check salinity. If you have problems, search for anaerobic area, with possibility of H2S release. 4x 15% weekly WC with PURE or recommended salt.
	YELLOW too high	check salinity
	YELLOW too low	check salinity. If you have problems, search for anaerobic area, with possibility of H2S release. 4x 10% weekly WC with PURE or recommended salt.

Li-Group

Lithium Li	**RED too high**	4x 10% weekly WC with PURE	**Maximum dosage per day 10ml on 100l DT**
	RED too low	dosage recommended	
	YELLOW too high	be aware of higher levels and search for the reason of elevated level	
	YELLOW too low	dosage recommended	
Nickel Ni	**RED too high**	4x 15% weekly WC with PURE	**Maximum dosage per day 5ml on 100l DT**
	RED too low	dosage possible	
	YELLOW too high	be aware of higher levels and search for the reason of elevated level	
	YELLOW too low	dosage possible	
Molybdenum Mo	**RED too high**	4x 10% weekly WC with PURE	**Maximum dosage per day 5ml on 100l DT**
	RED too low	dosage possible	
	YELLOW too high	be aware of higher levels and search for the reason of elevated level	
	YELLOW too low	dosage possible	

I-Group

Vanadium V	RED too high	4x 15% weekly WC with PURE	Maximum dosage per day 1ml on 100l DT
	RED too low	dosage possible	
	YELLOW too high	be aware of higher levels and search for the reason of elevated level	
	YELLOW too low	dosage possible	
Zinc Zn	RED too high	4x 15% weekly WC with PURE	Maximum dosage per day 1ml on 100l DT
	RED too low	dosage possible	
	YELLOW too high	be aware of higher levels and search for the reason of elevated level	
	YELLOW too low	dosage possible	
Manganese Mn	RED too high	4x 15% weekly WC with PURE	Maximum dosage per day 1ml on 100l DT
	RED too low	dosage possible	
	YELLOW too high	be aware of higher levels and search for the reason of elevated level	
	YELLOW too low	dosage possible	
Iodine I	RED too high	4x 15% weekly WC with PURE	Maximum dosage per day 1ml on 100l DT
	RED too low	dosage recommended	
	YELLOW too high	be aware of higher levels and search for the reason of elevated level, 2x 15% weekly WC with PURE	
	YELLOW too low	dosage recommended	

Fe-Group

The Elements in this group are found in very low concentrations in NSW. Even the ICP-OES is not able to detect them in their natural amounts.

Dosing the elements with the red bar is up to you and should be done carefully. Recommended for advanced aquarists only.

Dosing the elements with the green bar is up to you and should be done carefully.

		Advanced aquarists only Maximum dosage per day 0,1ml on 100l DT
Chromium Cr	**RED too high**	if you dose Cr, stop immediately. 4x 15% weekly WC with PURE
	YELLOW too high	if you dose Cr, stop immediately. Be aware. If you have problems, 2x 15% weekly WC with PURE

		Advanced aquarists only Maximum dosage per day 0,1ml on 100l DT
Cobalt Co	**RED too high**	if you dose Co, stop immediately. 4x 15% weekly WC with PURE
	YELLOW too high	if you dose Co, stop immediately. Be aware. If you have problems, 2x 15% weekly WC with PURE

		Maximum dosage per day 0,2ml on 100l DT
Iron Fe	**RED too high**	if you dose Fe, stop immediately. 4x 15% weekly WC with PURE
	YELLOW too high	if you dose Fe, stop immediately. Be aware. If you have problems, 2x 15% weekly WC with PURE

Ba-Group

Barium Ba	**RED too high**	4x 15% weekly WC with PURE Check PO4 media, use TRITON Al99	
	YELLOW too high	Check PO4 media, use TRITON Al99	

Si-Group

Silicon Si	**RED too high**	Check/renew PO4 media / DI	
	YELLOW too high	Check/renew PO4 media / DI	

Nutrient-Group

Phosphorous P	**RED too high**	Check/renew PO4 media
	RED too low	Contact us
	YELLOW too high	Check/renew PO4 media
	YELLOW too low	Ok be aware not to lower the level, reduce PO4 media

Be-Group

Beryllium Be	**RED too high**	4x 15% weekly WC with PURE or recommended salt.
	RED too low	OK
	YELLOW too high	be aware of higher levels and search for the reason of elevated level
	YELLOW too low	OK