



Template Version: 1.0

Document version: 1.0

Date: 19/02/24

PRODUCT SPECIFICATION

SoChlor TAB 2.5g

PRODUCT CODE	DESCRIPTION	SHELF LIFE
MFB255	Pot of 100 tablets	5 years
MFB637	Pot of 200 tablets	5 years

PROPERTY	VALUE	UNIT
Active chemical	Sodium dichloroisocyanurate, anhydrous	
Nominal tablet weight	4.72	g
Active chemical presence	2.502	g
	53	% w/w
Identity of other components	Effervescent	
Presence of other components	2.218	g
	47	% w/w
Appearance	Cylindrical white tablet with bevelled edge	
Tablet diameter	25	mm
Tablet hardness	6 - 8	kg max
Tablet production tolerance (inner limits) ¹	4.60 – 4.84	g
Tablet production tolerance (outer limits) ¹	4.48 – 4.96	g
Solution pH ²	5.0 – 6.5	
Total available chlorine ³	1.536	g
Nominal active chlorine solution concentration ⁴	1536	PPM or mg/l
Active chlorine solution concentration range ⁴	1500 – 1608	PPM or mg/l

- Only 1 in 20 produced tablets is permitted between the inner and outer weight limits of the production tolerances.
- Measured for 1 tablet fully dissolved in 1l deionised water at 20°C, after which the pH probe is given 2-3 minutes to equilibrate before taking a reading.
- Expressed as the theoretical weight of diatomic Chlorine (Cl₂) required to deliver the equivalent weight of reactive monoatomic chlorine (Cl⁺) delivered by the tablet upon complete dissolution and hydrolysis in water.
- Directly measured for 1 tablet fully dissolved in 1l deionised water at 20°C by iodometric titration according to EN 12931:2015 and ASTM D2022. Titration performed ≤6 hours after solution preparation. Concentration in solution is usually expressed in units of Parts Per Million (PPM), equivalent to milligrams per litre (mg/l).

Approved by:

For and on behalf of GV Health Ltd., Duncan Holdsworth, Head of Technical

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