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PRODUCT SPECIFICATION

SoChlor TAB 0.5g

PRODUCT CODE	DESCRIPTION	SHELF LIFE
MFB295	Pot of 100 tablets	5 years
MFB605	Pot of 600 tablets	5 years
STBF	Foil tray of 4 tablets	5 years

PROPERTY	VALUE	UNIT
Active chemical	Sodium dichloroisocyanurate, anhydrous	
Nominal tablet weight	1	g
Active chemical presence	0.514	g
	51.4	% w/w
Identity of other components	Effervescent	
Presence of other components	0.486	g
	48.6	% w/w
Appearance	Cylindrical white tablet with bevelled edge	
Tablet diameter	16	mm
Tablet hardness	4-6	kg max
Tablet production tolerance (inner limits) ¹	0.98 – 1.03	g
Tablet production tolerance (outer limits) ¹	0.95 – 1.05	g
Solution pH ²	4.0 – 6.0	
Total available chlorine ³	0.308	g
Nominal active chlorine solution concentration ^{3,4}	308	PPM or mg/l
Active chlorine solution concentration range ^{3,4}	299 -323	PPM or mg/l

- 1 - Only 1 in 20 produced tablets is permitted between the inner and outer weight limits of the production tolerances.
- 2 - 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.
- 3 - 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.
- 4 - 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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