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PRODUCT SPECIFICATION

SoChlor TAB 4.5g

PRODUCT CODE	DESCRIPTION	SHELF LIFE
MFB694	Pot of 100 tablets	3 years

PROPERTY	VALUE	UNIT
Active chemical	Sodium dichloroisocyanurate, dihydrate	
Nominal tablet weight	4.5	g
Active chemical presence	4.4865	g
	99.7	% w/w
Identity of other components	Disintegrant	
Presence of other components	0.0135	g
	0.3	% w/w
Appearance	Cylindrical white tablet with bevelled edge	
Tablet diameter	18	mm
Tablet hardness	5 - 8	kg max
Tablet production tolerance (inner limits) ¹	4.39 – 4.61	g
Tablet production tolerance (outer limits) ¹	4.28 – 4.73	g
Solution pH ²	5.0 – 7.0	
Total available chlorine ³	2.508	g
Nominal active chlorine solution concentration ^{3,4}	2508	PPM or mg/l
Active chlorine solution concentration range ^{3,4}	2445 - 2571	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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