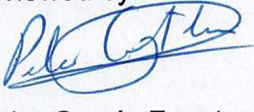


Product: Terpin Hydrate**Code:** 200177**Chemical Name:** p-Menthane-1,8-diol monohydrate.**General product information****Nature identical product.****Chemical formula:** C₁₀H₂₀O₂·H₂O**MW:** 190.28 g/mol.**CAS:** 2451-01-6**FLAVIS:** 02.054**CAS (Anhydrous Product):** 80-53-5**EINECS (Anhydrous Product):** 201-288-2**Technical specification**

TEST	LIMIT VALUES	UNITS	METHOD
Appearance:	Almost white crystalline solid	---	QC 03 (Ph. Franc)
Identification:	Positive	---	QC 18 (USP (B))
Residual Turpentine:	Negative	---	QC 18 (USP)
Solubility at 20 °C in alcohol 94%:	1:12 Clear + Clear	---	QC 04 (BP)
Appearance of Solution:	Clear and colourless	---	QC 18 (Ph. Franc)
Melting Point:	+116 – +119	°C	QC 10 (BP)
Assay:	98.5 – 100.5	%	QC 18 (USP)
Water Content:	9.0 – 10.0	%	QC 20 (USP)
Sulphated Ash:	Max. 0.1	%	QC 18 (BP (II) / USP)
Acidity or Alkalinity:	Pass test	---	QC 18 (Ph. Franc)
Related Substances:	<1.0	%	QC 18 (Ph. Franc)
Residual solvent (Ethanol):	< 5000	ppm	QC-16 (ICH-Q3C)
Flash Point:	+100	°C	QC 08 (TCC)

Additional information**Odour:** Characteristic**Storage:** This product does not require any special storage conditions.**Shelf Life:** 36 months.

Terpin Hydrate has a recommended retest date of one year from the date of manufacture and an expiry date of not more than 5 years from the date of manufacture.

Elaborated by:  Toni Pinilla Cortijo	Reviewed by:  Pedro García Fuentes	Approved by:  Sebastián Moreno Salas
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