

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)


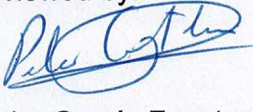

Additional information

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.

<p>Elaborated by:</p>  <p>Toni Pinilla Cortijo</p>	<p>Reviewed by:</p>  <p>Pedro García Fuentes</p>	<p>Approved by:</p>  <p>Sebastián Moreno Salas</p>
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