

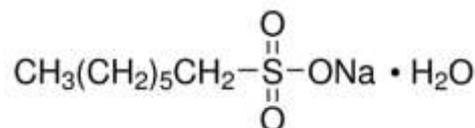


Product Specification

cdhfinechemical.com

1-HEPTANE SULPHONIC ACID SODIUM SALT AR MONOHYDRATE FOR HPLC

PRODUCT CODE	743180
SYNONYMS	--
C.I. NO.	--
CASR NO.	(207300-90-1)
ATOMIC OR MOLECULAR FORMULA	C ₇ H ₁₅ NaO ₃ S.H ₂ O
ATOMIC OR MOLECULAR WEIGHT	220.27



PROPERTIES

PARAMETER	LIMIT
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Description	White crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Acidimetric)	99.0%
UV Transmission in 1.0 cm cell (0.005 mol/lit. in water, at 250 nm)	Min. 98.0%
pH of (10% solution in water)	5.5 - 7.5

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 120°C)	6.5 – 9.0%
Max. absorbance (2.7 gm in 100 ml H ₂ O ;pH 3)	
at 210 nm	1.0
220 nm	0.1
254 nm	0.06
280 nm	0.06
Absorbance in a 1.0 cm cell (0.005 mol/lit. in water)	
at 200 nm	0.15
at 220 nm	0.05

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

Disposal:-----

Hazard Pictogram(s) :-----

IMDG Code : --

UN No. : --

IATA : --

Replace Date 21-Mar-2026