



1-DODECANE SULPHONIC ACID SODIUM SALT AR FOR HPLC

PRODUCT CODE	R09303	
SYNONYMS	Sodium-1-dodecane sulphonate	
C.I. NO.	--	
CASR NO.	(2386-53-0)	
ATOMIC OR MOLECULAR FORMULA	C ₁₂ H ₂₅ NaO ₃ S	$\text{CH}_3(\text{CH}_2)_{10}\text{CH}_2-\text{S}(\text{O})_2\text{ONa}$
ATOMIC OR MOLECULAR WEIGHT	272.38	
PROPERTIES	--	
PARAMETER	LIMIT	
Description	White powder or flakes.	
Solubility	10% solution in hot water is clear and colourless.	
Minimum assay (acidimetric)	98.5%	
pH (10% solution in water)	5.5 – 7.5	
Melting range	300 -305 ⁰ C	
Absorbance in a 1.0 cm cell (0.005 mol/lit. in water)		
A t 200 nm	0.15	
220 nm	0.05	
MAXIMUM LIMIT OF IMPURITY		
Loss on drying (at 120 ⁰ C)	2.0%	
Note(s): Assay (if applicable) method mentioned.		
WARNING		IMDG Code :--
Hazard statements: Not hazardous. No hazards.		UN No. :--
Precautionary statements		IATA :--
Prevention: -----		
Response: -----		
Disposal: -----		
Hazard Pictogram(s) :-----		
	<p>GHS05 GHS07</p>	

Replace Date 1 April 2023

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