


1-Docosanol

Chemical Name	1-Docosanol
CAS No.	661-19-8
Chemical Structure	
Molecular Formula	C ₂₂ H ₄₆ O
Molecular Weight	326.6

Specification :

Item	Spec	Typical	Test Method
Appearance	White Solid	Pass	Visual
Carbon Distribution of Alcohol, %			GC
C18 and Lower	3 max	2.4	
C20	12~17	13.5	
C22	80~85 min	83.5	
C24 and Higher	3 max	0.6	
Hydroxyl Value, mgKOH/g	170~180	173	GB/T 16451
Acid Number, mgKOH/g	0.2 max	0.02	GB/T 16451
Saponification Number, mgKOH/g	1.0 max	0.15	GB/T 16451
Iodine Value, gI ₂ /100g	1.0 max	0.1	GB/T 16451
Water Content, %	0.2 max	0.08	GB/T 11275

Packing:

Drum,

Storage and Handling

Store containers tightly in a cool, ventilated warehouse. Protect from direct sunlight.

Keep away from fire and heat.

Avoid contact with strong oxides and strong acids. Sulfonation occurs with concentrated sulfuric acid, and there is no chemical reaction in the case of alkali.

Slightly soluble in water, ether, easily soluble in ethanol, methanol.