## Brij-58 (average Mn ~1124)

## Description

The product is the core raw material for nucleic acid extraction after strict screening and quality control. Brij-58, polyoxyethylene ether (polyoxyethylene 20 cetyl ether), is a non-ionic surfactant commonly used in biochemical research. In nucleic acid extraction, it is often used to increase protein solubility and reduce column blocking when passing through the column.

## Ordering Information

CAT.No.	Product Name	Package
C11201	Brij-58 (average Mn~1124)	1KG
C11202	(Molecular Biology)	10KG

## **Specifications**

Product Name	Polyoxyethylene (20) cetyl ether, Polyethylene glycol hexadecyl ether, Brij 58		
Basic content	Recommended application	DNA extraction, viral nucleic acid extraction	
	CAS	9004-95-9	
	Formula	HO(CH2CH2O)20C16H33	
	Average molecular weight	~1124	
	level	Molecular biology	
	appearance	White granular colloid	
	Transportation conditions	room temperature	
	Preservation conditions	room temperature	
	stability	Unlimited in dry conditions.	
Impurity parameters	smell	nothing	
	Acid value (mgKOH / g)	≤1.0	
	Saponification value (mg KOH / g)	45-60	
	Relative viscosity	1.2-1.5	
	Moisture	≤1.0%	
UV absorption value	Absorbance value @ 230 (6M)	≤0.25	
	Absorbance value @ 260 (6M)	≤0.2	
	Absorbance value @ 280 (6M)	≤0.02	
	Absorbance value @ 320 (6M)	≤0.01	
Nucleic acid extraction related	DNA extraction test	adopt	
	Virus total nucleic acid test	adopt	
	DNase test (5%)	Not detected	
	RNase test (5%)	Not detected	
	Impurity analysis (100%)	Fully soluble at 60 °C , colorless and transparent,	