

# SPECIFICATION

JUNSEI CHEMICAL CO.,LTD.  
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Product Code 27214-9064  
Commodity Glycerin, concentrated  
Grade The Japanese Standards of Quasi-Drug Ingredients  
Q'ty 22kg

[Test Item]	[Standard]	CASNo.56-81-5
ASSAY (by specific gravity)	min. 95.0 %	
Appearance	To pass test	
Identification	To pass test	
Specific gravity $d_{20}^{20}$	min. 1.251	
Purity test		
(1) Color	To pass test	
(2) pH	To pass test	
(3) Chloride	max. 0.0013 %	
(4) Sulfate	To pass test	
(5) Ammonium	To pass test	
(6) Heavy metals	max. 5 ppm	
(7) Calcium	To pass test	
(8) Arsenic	max. 2 ppm	
(9) Acrolein, glucose and other reducing substances	To pass test	
(10) Volatile fatty acid and dye	To pass test	
(11) Diethylene glycol and related substances	To pass test	
(11) Fatty acid and fatty acid ester	min. 5 mL	
(12) Substances darkened by H <sub>2</sub> SO <sub>4</sub>	To pass test	
Ignition residue	max. 0.01 %	