

Specification

Technical Data Sheet

Product Name	Glycerol $\geq 99.5\%$
---------------------	------------------------

Product No	90037750
-------------------	----------

CAS Number	56-81-5
-------------------	---------

Storage Temperature	Ambient
----------------------------	---------

Molecular Weight	92.05
-------------------------	-------

Specification

Appearance	Clear colourless liquid
-------------------	-------------------------

Heavy metals	≤ 5 ppm
---------------------	--------------

Water	$\leq 0.5\%$
--------------	--------------

Acidity or alkalinity (0,1M NaOH)	≤ 0.2 ml
------------------------------------------	---------------

Aldehydes	≤ 10 ppm
------------------	---------------

Any other impurities RT < glycerol	$\leq 0.1\%$
----------------------------------------------	--------------

Specification

Chlorides	≤ 10 ppm
------------------	---------------

Colour (APHA)	≤ 10
----------------------	-----------

Esters ml 0.1M HCl	≥ 8
---------------------------	----------

Halogenated Compounds	≤ 35 ppm
------------------------------	---------------

Impurities A (Diethylene glycol)	$\leq 0.1\%$
-----------------------------------------	--------------

Impurity Rt (Rt Glycerol)	$\leq 0.1\%$
----------------------------------	--------------

Relative Density (20 °C/20 °C)	1.26 - 1.27
---------------------------------------	-------------

Sugar	Negative
--------------	----------

Sulphated Ash	$\leq 0.01\%$
----------------------	---------------

Total impurities > RT Glycerol	$\leq 0.5\%$
------------------------------------------	--------------

Identification (A,B,C)	Meets test
-------------------------------	------------

Identification (IR)	Conforms to reference
----------------------------	-----------------------

Refractive Index 20°C	1.471 - 1.474
------------------------------	---------------
