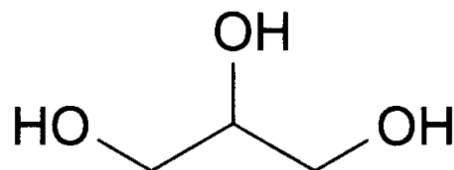


PRODUCT **Glycerol Ph. Eur. (Glycerin)**

CAS number [56-81-5]

SYNONYMS E422; Glicerol; Glycerine; Glycerolum;
Glycerin; 1,2,3-Propanetriol;
Trihydroxypropane



CHARACTERISTICS Syrupy liquid, unctuous to the touch, colourless or almost colourless,
clear, very hygroscopic.
Miscible with water and with alcohol, slightly soluble in acetone,
practically insoluble in fatty oils and in essential oils.

TEST	SPECIFICATION
Assay (Content)	98.0% to 101.0% m/m (anhydrous substance)
Identification	Conforms to Ph. Eur. tests
Appearance of solution	As per Ph. Eur. test: Solution S is clear & colourless
Acidity or alkalinity	As per Ph. Eur. test: Not more than 0.2 ml of 0.1 M NaOH is required to change the colour of the indicator to pink
Refractive index	1.470 to 1.475
Aldehydes	Not more than 10ppm
Esters	As per Ph. Eur. test: Not less than 8.0 ml of 0.1 M HCl is required to change the colour of the indicator
Impurity A and related substances	Conforms to Ph. Eur. test
Halogenated compounds	Not more than 35ppm
Sugars	As per Ph. Eur. test: The solution remains blue and no precipitate is formed
Chlorides	Not more than 10ppm
Heavy metals	Not more than 5ppm
Water	Not more than 2.0%
Sulphated ash	Not more than 0.01%

ENQUIRY