

neoFroxx GmbH

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Specification

Product	PMSF for biochemistry
Product number	1283
Synonyms	Benzylsulfonyl fluoride, Phenylmethane sulfonyl fluoride
Formula	C ₇ H ₇ FO ₂ S
Molecular weight	174.19 g/mol
CAS number	329-98-6
Storage	below 25°C
Retest period (months)	60

TSE/BSE declaration:

The product is manufactured wholly from synthetic and/or plant materials and does not contain any raw materials produced from or substances derived of animal origin. Moreover this product is not derived from specific risk materials as defined in Guideline EMEA/410/01 final Rev. 03/2004. All packaging materials do not contain any substance of animal origin. The product does not come in contact with animal products during storage or transportation.

Parameter	Specification
Assay (GC)	>= 99 %
Identity (FTIR)	passes test
Appearance	white to faint yellow powder or needle like crystals
Solubility (10 % in Methanol) (revised)	colourless to faint yellow, clear to very slightly hazy solution
Turbidity	<= 4 NTU
Melting point	92 - 95°C
Absorbance at 600 nm (10 % in Methanol)	<= 0.01
Heavy metals (Pb)	<= 0.001 %
Residue on ignition (Ash)	<= 0.1 %
Water (K.F.)	<= 0.5 %

Einhausen, 17.04.2026