

Product Information

CARBON DISULPHIDE 99,9 % AR

Carbon bisulfide, carbon sulfide, Dithiocarbonic anhydride



Product Code	B-3085	Grade	Analytical Reagent
Purity	99,9%	CAS No	75-15-10
Molecular Formula	CS ₂	Molecular Weight	76,14 g/mol
H.S.Code	2813.1000	Shelf Life	60 Months

Physical Properties

Physical state	Liquid	Colour	Colourless
Melting Point	-112 – (-111) °C	Vapour Pressure	274 hPa at 25 °C
Boiling Point	46 °C	Density	1,266 g/mL at 25 °C
Flash Point	-30 °C	Water solubility	2,9 g/l at 20 °C
Upper explosion limit	60 % (V)	Lower explosion limit	1 % (V)
Partition coefficient: noctanol/water	log Pow: 2,7 at 25 °C		

Packaging

500 mL

Specification

Appearance	Clear colorless liquid with characteristic odor
Assay (GC)	min 99.9%
Wt. Per ml at 20°C	1.260 - 1.263 g/ml
Non-volatile matter	max 0.001%
Water (H ₂ O) (by KF)	max 0.01%
H ₂ S + foreign organic S-compounds	max 0.0001%
Sulphate (SO ₄)	max 0.00025%
Sulphite (as SO ₂)	max 0.001%
Benzene (C ₆ H ₆)	max 0.001%

Safety Information and Hazard Symbols



Symbol: GHS02, GHS07, GHS08

Signal Word: danger

UN No.: 1131

IMCO Class No.: 3.6,1

Packing Group: I

Hazardous Statement: H225-H315-H319-H332-H361fd-H372

Precaution Statement: P202-P210-P303+P361+P353-P304+P340+P312-P305+P351+P338-P308+P313

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