

Product name:

Iodine

Grade

Laboratory

Cas-

7553-56-2

Synonyms:

Chemical formula: I_2

General information

Ec-No	231-442-4	Molar mass	169.87 g/mol
Appearance	grayish-black plates or granules	Vapor pressure	0.41 hPa (25°C)
Boiling point	184.4 °C	Solub. in water	0.3 g/l
Melting point	113.5 °C	Storage temp	+2°C to +30 °C
PH value	5.4 (H ₂ O) (saturated solution)	R	20/21-50
Density	4.930 g/cm ³ (20 °C)	S	23-25-61

Specification

Assay (dried substance)	99.8 - 100.5 %
Solubility	Conforms
Identification A	Conforms
Identification B	Conforms
Limit of Chloride or Bromide	≤ 0.02 %
Limit of nonvolatile Residue	≤ 0.05 %
Description	Conforms

Hazard Symbol



Available Pack	50 gr	100 gr	250 gr	500 gr L	1000 gr
Glass	*	*	*	*	*
P.E	*	*	*	*	*

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