



## Specification

Concerning Product:	
Article number	7553562NP
Trade name / designation / denomination	Jod resublimiert
CAS number	7553-56-2
Other names / synonyms	•Iodine prills; •Iodine resublime; •iodine;
EC number	231-442-4 231-442-4
EC index number	053-001-00-3
Customs tariff number / CN code / TARIC	28012000
Molecular weight [g / mol]	253,80
Formula	I <sub>2</sub>
3495, 6.1, III	
Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. Causes damage to organs through prolonged or repeated exposure. Very toxic to aquatic life. Harmful if inhaled. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid release to the environment. Get medical advice/attention if you feel unwell. Wash with plenty of soap and water.	

Parameter	Specification	Unit
<b>Organoleptic test</b>		
Appearance	Grey - Violet Vapor, for Sublimation, metallic Luster, pungent Odour	
<b>Physical parameter</b>		
Solubility	in water: slightly soluble, in Acetone: miscible, in Trichlorethylene: slow solubility	
<b>Identity</b>		
Assay	99,8 – 100,5	%
<b>Impurities</b>		
Heavy Metals (as Pb)	≤ 20	ppm
Nonvolatile residue	≤ 50	ppm
Sulphates (SO <sub>4</sub> )	≤ 10	ppm
<b>Elemental Impurities</b>		
Bromine (Br)	≤ 60	ppm
Chlorides (Cl)	≤ 60	ppm
Iron (Fe)	≤ 10	ppm

### Supplemental information:

**Shelf life:** 3 years

**Complies with monograph:** EP, USP, BP

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 28. Oct. 2021

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