




Spezifikation

Produktbezug:	
Produktnummer	7553562NP
Handelsname / Bezeichnung	Jod resublimiert
CAS Nummer	7553-56-2
Andere Bezeichnungen / Synonyme	•Iod; •Iodine prills; •Iodine resublime; •Jod; •Jod prills; •Jod resublimiert; •iodine;
EG Nummer	231-442-4 231-442-4
EG-Index-Nummer	053-001-00-3
Zolltarifnummer / CN-Code	28012000
Molekulargewicht [g/mol]	253,80
Formel	I ₂
 3495, 6.1, III	
Gesundheitsschädlich bei Hautkontakt. Verursacht Hautreizungen. Verursacht schwere Augenreizung. Kann die Atemwege reizen. Schädigt die Organe bei längerer oder wiederholter Exposition. Sehr giftig für Wasserorganismen. Gesundheitsschädlich beim Einatmen. Einatmen von Staub/Rauch/Gas/Nebel/Dampf/Aerosol vermeiden. Freisetzung in die Umwelt vermeiden. Bei Unwohlsein ärztlichen Rat einholen / ärztliche Hilfe hinzuziehen. Mit viel Wasser und Seife waschen.	

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen	Grau - Violetter Dampf, für Sublimation, metallischer Glanz, stechender Geruch	
Physikalische Parameter		
Löslichkeit	in Wasser: schwach löslich, in Aceton: mischbar, in Trichlorethylen: langsam löslich	
Identifikation		
Gehalt	99,8 – 100,5	%
Verunreinigungen		
Schwermetalle (als Pb)	≤ 20	ppm
Nichtflüchtiger Rückstand	≤ 50	ppm
Sulphat (SO ₄)	≤ 10	ppm

Elementare Verunreinigungen

Brom (Br)	≤ 60	ppm
Chloride (Cl)	≤ 60	ppm
Eisen (Fe)	≤ 10	ppm

Zusätzliche Angaben:

Mindesthaltbarkeit: 5 Jahre

Entspricht der Monographie: EP, USP, BP

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 28. Oct. 2021

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