

Strong Iodine Solution, 5% USP

I₂/KI

CAS#7553-56-2/7681-11-0

Technical Data Sheet

GHS Product Identifier: 115.14, Strong Iodine Solution, 5% USP.

Formula: I₂ [5% (w/v)] KI [10% (w/v)]

Formula Description: Transparent liquid having a deep brown color and having the odor of iodine.

Recommended Use: A standardized solution for accurate volumetric analysis. Used as a disinfectant and anti-bacterial agent in solutions, tinctures and salves ¹.

Chemical Product Specifications

Deepwater's **PurI₂ty** products offer you full traceability for all raw materials.

All products are manufactured under current Good Manufacturing Practices (cGMP)

in our US FDA registered plant. FEI #2013633.



	PurI₂ty 5% Solution USP
Iodine	4.5% – 5.5% w/v
Potassium Iodide	9.5% – 10.5% w/v
Identification	USP Standards
Elemental Impurities Class 1	Cd, Pb, As, Hg
Elemental Impurities Class 2A	Co, V, Ni

Standard Packaging

Net Weight	Packaging
40 lbs.	5 gal UN1H1 HDPE Drum
506 lbs.	55 gal UN1H1 HDPE Drum

SDS with detailed information available upon request.

References:

1. Antiseptics and Disinfectants, Veterinary Clinics of North America: Small Animal Practice, ISSN: 0195-5616, Vol: 28, Issue: 2, Page: 233-248

