

Gree Industry Co.,Ltd

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Certificate of Analysis

CLIENT:	
PRODUCT NAME:	POVIDONE IODINE (PVP-I)
CTFA ADOPTED NAME):	POVIDONE IODINE
CAS No.:	25655-41-8
FORMULA:	$(C_6H_9NO)_n \cdot XI$
BATCH NO.:	PI250512
STANDARD :	USP26
DATE OF MANUFACTURE:	2025-05-12
RETEST DATE:	2027-05-11
NET WEIGHT:	25KG/DRUM (5KG/BAG,5BAGS/DRUM)
GROSS WEIGHT:	28KG/DRUM
QUANTITY:	1000 KGS (40 DRUMS)

ITEM	UNIT	SPECIFICATION	TEST RESULT	REFERENCE METHOD
Appearance		Reddish-brown or yellowish-brown	Reddish-brown	Ph Eur monograph
Solubility		Soluble in water and in ethanol (96%)	Confirmed	Ph Eur monograph
Identification		A,B	Confirmed	USP Monograph
Loss on drying	%	≤ 8.0	4.6	USP<731>
Residue on ignition	%	≤ 0.1	0.03	USP<281>
Available iodine	%	9.0~12.0	10.4	USP Monograph
Iodide ion	%	≤ 6.6	1.6	USP Monograph
Nitrogen content	%	9.5~11.5	9.9	USP<461>
Heavy metals (as Pb)	PPM	≤ 20	<20	USP<231>

CONCLUSION: This Product Meets The Requirements For USP26.

STORAGE:	Two years if stored under cool and dry conditions and well closed container
PACKING:	25KGS per cardboard drum
ANALYZER:	02
PERSON IN CHARGE:	01

