



Spezifikation

Produktbezug:	
Produktnummer	25655418BPEJ
Handelsname / Bezeichnung	Povidone iodine, EP, JP
CAS Nummer	25655-41-8
Andere Bezeichnungen / Synonyme	•1-ethenyl-2-pyrrolidinone; molecular iodine; •2-Pyrrolidinone, 1-ethenyl-, homopolymer, compd. with iodine; •Povidon Jodin; •Povidone Iodine;
EG Nummer	607-771-8
Molekulargewicht [g/mol]	364.9507
Formel	C ₆ H ₉ I ₂ NO

Parameter	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Farbe	Ph.Eur.	gelb-braun oder rot-braun	
Physikalische Parameter			
Form (Aggregatzustand)	Ph.Eur.	amorphes Pulver	
Trocknungsverlust	Ph.Eur., USP	≤ 8,0	%
pH-Wert	Ph.Eur.	(10% in H ₂ O): 1,5 – 3,5	
Löslichkeit	Ph.Eur.	10% in Wasser: entspricht	
Identifikation			
Gehalt	Ph.Eur., USP	9,0 – 12,0	%
Identifizierung	USP	Film-Luft-Trockentest*: entspricht	
Identifizierung	Ph.Eur., USP	Stärke-Test: entspricht	
Infrarot Spektroskopie	Ph.Eur.	entspricht	
Verunreinigungen			
Schwermetalle (als Pb)	USP	≤ 10	ppm
Sulphatasche	Ph.Eur., USP	≤ 0,025	%
Elementare Verunreinigungen			
Jod (I ₂)	Ph.Eur., USP	≤ 6,0	%
Stickstoff (N)	USP	9,5 – 11,5	%

Anmerkung:

*: ungenaue Übersetzung aus dem Englischen

Zusätzliche Angaben:

regionaler Ursprung: D

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 14. Sep. 2020

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