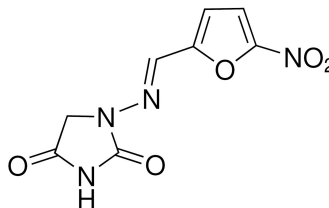


Certificate of Analysis

Product Name : Nitrofurantoin 98.0-102.0% (EP, UV)
Product Number : N7878-VAR
Batch Number : 0000092872
 Source Batch : 2-20181131
 CAS Number : 67-20-9
 Molecular Formula : C₈H₆N₄O₅
 Formula Weight : 238.16
 Recommended Retest Date : Nov 2021
 Quality Release Date : 22 Apr 2020



Test	Specification	Result
Appearance (Color)	Yellow	Yellow
Appearance (Form)	Crystals or Crystalline Powder	Crystalline Powder
Related Substances	≤ 1.0 %	< 1.0 %
Identification A (EP)	Conforms	Conforms
Identification A (EP)- The solution should show two absorbance maxima at 266 and 367 nm. The ratio of the maxima absorbance at 367 nm to that of the maximum absorbance at 266 nm should be 1.36 to 1.42		
Identification B (EP)	Conforms	Conforms
Identification B (EP)- color reaction		
Loss on Drying	≤ 1.0 %	0.1 %
Sulphated Ash	≤ 0.1 %	< 0.1 %
Sulphated Ash (EP) w/w		
Assay (UV)	98.0 - 102.0 %	100.3 %
Assay (UV) (EP) (Calculated on the dried basis)		

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale





Anna Bendersky, Quality Control Manager

Quality Control

Israel

IL

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Page 2 of 2

