

Specification

Item number:	9105		
HEPES			
PUFFERAN® ≥99.5 %, p.a.			
CAS No.:	7365-45-9	print date:	23.04.2018
formula:	C ₈ H ₁₈ N ₂ O ₄ S		
density:			
molecular weight:	238,31 g/mol		

Guarantee analysis

Assay (titr.)	≥99,5 %
Solubility (0,1 M in H ₂ O)	clear, complete
pH-value (5 % in H ₂ O)	5,0-6,0
Sulphated ash	≤0,1 %
Loss on drying (110 °C)	≤0,5 %
Chloride (Cl)	≤0,005 %
Phosphate (PO ₄)	≤0,01 %
Sulphate (SO ₄)	≤0,01 %
Lead (Pb)	≤0,0005 %
Cadmium (Cd)	≤0,0005 %
Calcium (Ca)	≤0,05 %
Iron (Fe)	≤0,0005 %
Copper (Cu)	≤0,0005 %
Magnesium (Mg)	≤0,0005 %
Nickel (Ni)	≤0,005 %
Heavy metals (as Pb)	≤0,0005 %
<i>Absorbance:</i>	
260 nm	≤0,05
280 nm	≤0,04
405 nm	≤0,03

Our products are tested for laboratory use only.
The stated information refers to the current status of product quality.
We reserve the right to implement necessary changes.

U. Jeckel
Quality Assurance

S.Hildebrandt
Quality Management

This document is computer printout and has therefore not been signed by hand.

Carl Roth GmbH + Co. KG
Schoemperlenstraße 3-5
76185 Karlsruhe

Telefon 0721/5606-0
Telefax 0721/5606-149
E-Mail: info@carlroth.de

Die Firma ist eine Kommanditgesellschaft mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRA 100055. Persönlich haftende Gesellschafterin ist die Firma Roth Chemie GmbH mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRB 100428. Vorsitzender des Aufsichtsrats: Eberhard Gaul
Geschäftsführer: Lothar Haidmann

