



# Specification

1.05056.5000 Potassium disulfite EMPROVE® ESSENTIAL Ph Eur,NF,E 224

	Specification	
Assay (iodometric)	95.0 - 101.0	%
Assay (iodometric, SO <sub>2</sub> )	54.8 - 57.6	%
Identity	passes test	
Appearance of solution	passes test	
pH-value (5 %; water)	3.0 - 4.5	
Chloride (Cl)	≤ 0.05	%
Heavy metals (as Pb)	≤ 0.001	%
Thiosulfate (S <sub>2</sub> O <sub>3</sub> )	passes test	
As (Arsenic)	≤ 0.0002	%
Cu (Copper)	≤ 0.0025	%
Fe (Iron)	≤ 0.0005	%
Hg (Mercury)	≤ 0.0001	%
Pb (Lead)	≤ 0.0002	%
Se (Selenium)	≤ 0.00025	%
Zn (Zinc)	≤ 0.0025	%
Residual solvents (Ph Eur/USP/ICH)	Excluded by manufacturing process	

Elemental impurity specifications have been set considering ICH Q3D (Guideline for Elemental Impurities). Class 1-3 elements are not likely to be present above the ICH Q3D option 1 limit, unless specified and indicated (\*).  
conforms to Ph Eur, NF, E224

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Responsible laboratory manager quality control

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