



Specification

1.06577.0000 tri-Sodium phosphate dodecahydrate EMPROVE® ESSENTIAL NF,E 339

Spec. Values		
Identity	passes test	
Assay (alkalimetric, calculated on calcined substance)	≥ 93.5	%
Free alkali (as NaOH)	≤ 2.5	%
In water insoluble matter (calculated on dried substance)	≤ 0.2	%
pH-value (1 %, water)	11.5 - 12.5	
Fluoride (F)	≤ 0.0010	%
Heavy metals (as Pb)	≤ 0.0010	%
As (Arsenic)	≤ 0.00005	%
Cd (Cadmium)	≤ 0.0001	%
Hg (Mercury)	≤ 0.0001	%
Pb (Lead)	≤ 0.0001	%
Loss on ignition (800 °C)	45.0 - 57.0	%
Residual solvents (ICH Q3C)	excluded by production 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 (*).

Corresponds to NF, E 339

Conforms to the purity criteria on food additives according to the current European Commission Regulation.

Kristin Starke

Responsible laboratory manager quality control

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