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Certificate of Analysis

Product Name:

Potassium sodium tartrate tetrahydrate - ACS reagent, 99%

Product Number:

217255

Lot Number:

MKBF8214V

Brand:

SIAL

CAS Number:

6381-59-5

MDL Number:

MFCD00150989

Formula:

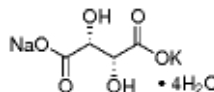
C₄H₄KNaO₆ · 4H₂O

Formula Weight:

282.22 g/mol

Quality Release Date:

09 DEC 2011



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Conforms to Requirements	Crystals
Infrared spectrum	Conforms to Structure	Conforms
Purity (Titration by HClO ₄)	99.0 - 102.0 %	100.1 %
Insoluble matter	≤ 0.005 %	0.001 %
Calcium (Ca)	≤ 0.005 %	< 0.005 %
Chloride Content	≤ 0.001 %	< 0.001 %
Iron (Fe)	≤ 0.001 %	< 0.001 %
Heavy Metals	≤ 5.0000 ppm	< 5.0000 ppm
Ammonia (NH ₄)	≤ 0.002 %	0.001 %
pH	6.0 - 8.5	6.9
Phosphate (PO ₄)	≤ 0.002 %	< 0.002 %
Sulfate (SO ₄)	≤ 0.005 %	0.001 %
Meets ACS Requirements	Current ACS Specification	Conforms

Jamie Gleason, Manager

Quality Control

Milwaukee, Wisconsin US

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. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.