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CERTIFICATE OF ANALYSIS**PO0353_21991501/1**Product Potassium sodium tartrate tetrahydrate, Pharmapur®, Ph Eur, BP,
USP

Batch 21991501

Quality release date 02/08/2021

Expiry date 08/2026

PO0353

Analysis	Batch value	Specifications
Assay (titration with HClO ₄ , on dried sample)	100,31 %	99,0 - 101,0
Identification	passes test	passes test
Appearance of solution	clear and colourless	clear and colourless
Acidity or alkalinity	passes test	passes test
Alkalinity	passes test	passes test
specific rotation ($[\alpha]_{20}^{\circ}$; c = 5, H ₂ O on dried sample)	+29,20 °	+28,0 - +30,0
Chlorides (Cl)	< 0,0005 %	≤ 0,0100
Sulfates (SO ₄)	< 0,0050 %	≤ 0,0050
Ammonium (NH ₄)	< 0,0020 %	≤ 0,002
Barium and oxalates	passes test	passes test
Calcium (Ca)	< 0,0040 %	≤ 0,0200
Water (K.F.)	25,40 %	24,0 - 26,5

This product is intended to be suitable for the manufacture of pharmaceuticals, medical devices, cosmetics and food products, but is entirely under the user's responsibility.