






Technical data sheet for natural potassium sodium tartrate powder

PRODUCT	L(+) ROCHELLE SALT NATURAL SEIGNETTE SALT NATURAL CAS 6100-16-9 / 6381-59-5 . EINECS 206-156-8 E 337	CERTIFICATIONS   
ORIGIN	THIS PRODUCT IS MADE WITH ONLY NATURAL WINE ORIGIN RAW MATERIALS	
REACH	This product has been registered with reference number 01-2119524666-34-0002.	
DESCRIPTION	White crystalline powder , odourless , taste saline and cooling , slightly efflorescent in warm air .	
FORMULA	COONa-CHOH-CHOH-COOK * 4 H2O	
MOLECULAR WEIGHT	282.2	
COMPOSITION	100% potassium sodium tartrate	
DENSITY	1,78	
APPARENT DENSITY	0,9	
MELTING POINT	70 - 80 °C	
SOLUBILITY	Soluble in 1.5 part water ; insoluble in alcohol. The aqueous solution is slightly alkaline to litmus , pH 7 -8 .	
SPECIFIC ROTATION	[α] ²⁰ _D + 27° + 30°	
USE	As additive in food industry: E337 ; for preparation in sigarette paper ; in manufacture of mirrors ; in plating industry ; for delaying the quick setting of gypsum .	
PACKING	25 Kilos paper bags with polyethylene inner bag or 50 Kg fiber drums with polyethylene inner bag. – No warranties against caking	
TRANSPORT	No restriction	
STORAGE	Preserve in tight containers in dry , cool place .	
ANALYTICAL DATA		
APPEARANCE	WHITE CRISTALS, VERY SOLUBLE IN WATER, INSOLUBLE IN ALCOHOL	
IDENTIFICATION	IT GIVES REACTION OF TARTRATES, SODIUM, POTASSIUM	
WATER	24,0 – 26%	
ASSAY	99.0 - 102.0 %	
ACIDITY / ALCALINITY	pH OF 5% SOLUTION: 6,5 – 8,5	
HEAVY METALS	<5 ppm	
LEAD	<1 ppm	
MERCURY	<1 ppm	
ARSENIC	<1 ppm	
IRON	<10 ppm	
CALCIUM	<50 ppm	
AMMONIUM	<20 ppm	
SULPHATES	<50 ppm	
CHLORIDES	<10 ppm	
BARIUM and OXALATES	TEST	
SIEVE ANALISIS	MIN.99.5% PASSING THROUGH 0.315 mm SIEVE. MIN.80% PASSING THROUGH 0.18 mm (80 MESH) SIEVE.	
SPECIFIC ROTATION	+28.0 TO +30.0	
INSOLUBLE MATTER	<100 ppm	
OGM	OGM FREE	
ALLERGENES	ALLERGENES FREE	
GLUTEN	GLUTEN FREE	
OTHERS ADDITIVES	ADDITIVES FREE	
CONTAMINANTS (pesticides, dioxine, mycotoxines, PCB, antibiotics, PAH.)	CONTAMINANTS FREE	
SPECIAL TREATMENTS (RADIATIONS, STEAM etc.)	NO SPECIAL TREATMENTS	
PRODUCT VALIDITY	5 YEARS FROM PRODUCTION DATE	
COMPLIES WITH THE CHEMICAL PURITY REQUIREMENTS OF USP 38, F.C.C.IV, REG. CE N. 1333/2008, EUROPEAN PHARMACOPOEIA 6.0. Not intended to be used as a pharmaceutical product.		