






Technical data sheet for natural potassium sodium tartrate granular

<b>PRODUCT</b>	L(+) POTASSIUM SODIUM TARTRATE NATURAL ROCHELLE SALT NATURAL SEIGNETTE SALT NATURAL CAS 6100-16-9 / 6381-59-5 . EINECS 206-156-8 E 337	<b>CERTIFICATIONS</b>    Intertek
<b>ORIGIN</b>	THIS PRODUCT IS MANUFACTURED BY NOVARINA WITH ONLY NATURAL WINE ORIGIN RAW MATERIALS	
<b>REACH</b>	This product has been registered with reference number 01-2119524666-34-0002.	
<b>DESCRIPTION</b>	White crystalline powder , odourless , taste saline and cooling , slightly efflorescent in warm air .	
<b>FORMULA</b>	COONa-CHOH-CHOH-COOK * 4 H2O	
<b>MOLECULAR WEIGHT</b>	282.2	
<b>COMPOSITION</b>	100% potassium sodium tartrate	
<b>DENSITY</b>	1,78	
<b>APPARENT DENSITY</b>	0,9	
<b>MELTING POINT</b>	70 - 80 °C	
<b>SOLUBILITY</b>	Soluble in 1.5 part water ; insoluble in alcohol. The aqueous solution is slightly alkaline to litmus , pH 7 -8 .	
<b>SPECIFIC ROTATION</b>	[α] <sup>20</sup> <sub>D</sub> + 27° + 30°	
<b>USE</b>	As additive in food industry: E337 ; for preparation in sigarete paper; in manufacture of mirrors ; in plating industry ; for delaying the quick setting of gypsum and cement.	
<b>PACKING</b>	25 Kilos paper bags with polyethylene inner bag or 50 Kg fiber drums with polyethylene inner bag. – No warranties against caking	
<b>TRANSPORT</b>	No restriction	
<b>STORAGE</b>	Preserve in tight containers in dry , cool place .	
<b>ANALYTICAL DATA</b>		
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 ANALYSIS	MIN.60% RETAINED ON 60 MESH SIEVE (0.25 mm.)	
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	
<b>PRODUCT VALIDITY</b>	5 YEARS FROM PRODUCTION DATE	

COMPLIES WITH THE CHEMICAL PURITY REQUIREMENTS OF USP 32, F.C.C.IV, REG. CE N. 1333/2008,  
AMERICAN CHEMICAL SOCIETY REAGENT CHEMICALS 9<sup>th</sup> ed, EUROPEAN PHARMACOPOEIA 6.0  
Not intended to be used as a pharmaceutical product.