

Nr crt	Reactivi laborator	Specificatii de calitate	UM	Cantitate
	LOT 3			
1	Acid acetic,glacial 99% , import	Assay acidimetric min 99.8 %	L	1
2	Acid ascorbic, import	Puris p.a. , reactiv ACS >99.7-100.5 % (oxidometric) impuritati ≤0.05%ca SO4. ≤0.001%metale grele Pbaluminiu <5mg/kg, Cu≤5mg/kg, Fe≤2mg/kg, pH2.2 -2.5 (20°C, 5%) interval de topire 190-194°	kg	2
3	Acid azotic conc. , import	Assay acidimetric 69 % Appearance passes test Colour ≤= 10 Hazen Chloride (Cl) ≤= 0.5 ppm Heavy metals as Pb ≤= 0.2 ppm Sulphate (SO4) ≤= 1 ppm As (Arsenic) ≤= 0.010 ppm Fe (Iron) ≤= 0.200 ppm	2,5L	1

4	Acid azotic 65 % suprapur import	<p>Assay (acidimetric) <math>\geq 65.0</math> %  Chloride (Cl) <math>\leq 50</math> ppb  Phosphate (PO<sub>4</sub>) <math>\leq 10</math> ppb  Sulphate (SO<sub>4</sub>) <math>\leq 200</math> ppb  Ag (Silver) <math>\leq 0.5</math> ppb  Al (Aluminium) <math>\leq 5.0</math> ppb  As (Arsenic) <math>\leq 0.5</math> ppb  Au (Gold) <math>\leq 0.1</math> ppb  Ba (Barium) <math>\leq 0.5</math> ppb  Be (Beryllium) <math>\leq 0.5</math> ppb  Bi (Bismuth) <math>\leq 0.5</math> ppb  Ca (Calcium) <math>\leq 2.0</math> ppb  Cd (Cadmium) <math>\leq 0.5</math> ppb  Co (Cobalt) <math>\leq 0.5</math> ppb  Cr (Chromium) <math>\leq 1.0</math> ppb  Cu (Copper) <math>\leq 0.5</math> ppb  Fe (Iron) <math>\leq 2.0</math> ppb  Ga (Gallium) <math>\leq 0.1</math> ppb  Ge (Germanium) <math>\leq 0.1</math> ppb  Hg (Mercury) <math>\leq 1.0</math> ppb  In (Indium) <math>\leq 0.5</math> ppb  K (Potassium) <math>\leq 2.0</math> ppb  Li (Lithium) <math>\leq 0.5</math> ppb  Mg (Magnesium) <math>\leq 1.0</math> ppb  Mn (Manganese) <math>\leq 0.5</math> ppb</p>	L	1
5	Acid barbituric, import	Assay acidimetric $\geq 99$ %	100g	1
6	Acid boric , import	Assay acidimetric 99.5 - 100.5 %	kg	3
7	Acid clorhidric 37% conc	Specifications	L	2
8	Acid ortofosforic 85%, import	Assay acidimetric min 85.0 %	L	3

9	Acid stearic	Formula: C18H36O2 Molar mass: 284.4772 g/mol Density: 847.00 kg/m <sup>3</sup> Boiling point: 376.1 °C Cassay (capillary GC) ≥98.5% bp 361 °C(lit.) mp 67-72 °C(lit.) storage temp. 2-8°C	kg	1
10	Acid succinic, import	Assay acidimetric, calc. on anhydrous substance epsil 99.5 %	250g	1
11	Acid sulfuric conc.95-97%, import	Linear Formula H2SO4 Molecular Weight 98.08 vapor density <0.3 (25 °C, vs air) vapor pressure 1 mmHg (146 °C) description Nominally 95-98% H2SO4 grade purum p.a. assay 95-97% (T) bp ~290 °C(lit.) density 1.83 g/mL at 20 °C	L	3
12	Amoniac 25 % , import	Assay acidimetric, NH3 min 25.0 %	L	2
13	Hidroxid de sodiu, pellets, import	Assay acidimetric, NaOH epsil 99 %	Kg	4
14	Hidroxid de potasiu	Assay (acidimetric, KOH), min 85.0 %, p.a.	kg	1

15	Acid clorhidric 32% pentru TOC	<p>Formulă chimică: HCl</p> <p>Masă moleculară: 36,46 g/mol</p> <p>Densitate specifică (20°C): 1,16 g/ml</p> <p>Descriere: lichid limpede, incolor până la slab gălbui, miros înțepător caracteristic.</p> <p>Solubilitate (în apă, 20°C): miscibil cu apa</p> <p>Conținut (HCl) %min 32</p> <p>Clor liber %max 0,0001</p> <p>Sulfat (SO<sub>4</sub>) %max 0,0002</p> <p>Calciu (Ca) %max 0,0001</p> <p>Sodiu (Na) %max 0,0001</p> <p>Sulfid (S<sub>2</sub>) %max 0,001</p> <p>Assay acidimetric min. 85 %, p.a.</p>	2,5L	1
16	Acid formic		L	1
17	Acid oxalic titrofix - 0,1N	<p>substanta chimica pura, se ambaleaza in cantitati corespunzatoare unui echivalent-gram (val) de substanta sau a unui submultiplu.</p> <p>Solutiile volumetrice preparate din acid oxalic – titrofix –, prin dizolvare</p> <p>si diluare cu apa la un anumit volum in balonul cotate, trebuie sa aiba</p> <p>factorul :</p> <p>F = 1 ± 0,002</p>	fiola	4
		<b>TOTAL</b>		

Specificatiile din caietul de sarcini sunt minime si obligatorii. Vor fi luate in considerare numai ofertele care respecta aceste specificatii sau sunt superioare.

Intocmit :

R.U.C. ing. Alina Iacovliev

*Bar*