

شرح کار تکمیلی درخواست خرید مواد شیمیایی

Item No.	description
۱	Toluene , purity (GC) $\geq 99\%$, free acid (as HCl) $\leq 0.002\%$, density 0.866-0.868 , by Merck Germany Merck No: 1.08323.6025
۲	Ethanol absolute , absolute for analysis , purity (GC) $\geq 99.9\%$, ۱Lit= ۰,۷۹ - ۰,۷۹۳ Kg , by Merck Germany Merck No: 1.00983.6025
۳	۱-Butanol , for analysis , purity (GC) $\geq ۹۹,۵\%$, ۱Lit= ۰,۸۱ Kg by Merck Germany Merck No: 1.01990.6025
۴	Acetone , for analysis , purity (GC) $\geq 99.8\%$, 1Lit= 0.79Kg by Merck Germany Merck No: 1.00014.6025
۵	Methanol ,extra pure for analysis , purity (GC) $\geq 99.5\%$, 1Lit= 0.79Kg by Merck Germany Merck No: 1.06009.6025
۶	Xylene , for analysis , M = 106.17 gr/mol , 1Lit=0.86 Kg , density = 0.860 – 0.866 by Merck Germany Merck No: 1.08685.6025
۷	Paraffin , 1Lit= 0.86Kg , density= 0.845 – 0.89 Dynamic viscosity= 110 – 230 m.pa.s by Merck Germany Merck No: 1.07160.2500
۸	HCL (37%) , for analysis , 1Lit= 1.19 gr/mol , Assay(acidmetric)= 37% - 38% , by Merck Germany Merck No: 1.00317.2500
۹	Di-sodium tetraborat, for pro analysis , Assay(acidmetric)= 99.5% - ۱۰۳% , PH value ۰,۰۱ M solution at ۲۵°C = ۹,۱۵ – ۹,۲ Ca(calcium) $\leq 0.005\%$, Fe(iron) $\leq 0.0005\%$ by Merck Germany Merck No: 1.06308.1000
۱۰	Titrisol sodium thiosulfate solution , for 1000ml , C(Na ₂ S ₂ O ₃) = 0.1 mol/lit (0.1N) , by Merck Germany Merck No: 1.09950.0001

١١	Titrisol potassium thiocyanate solution , for 1000ml , by Merck Germany Merck No: 1.05124.1000
١٢	Titrisol Iodin solution , for 1000ml , $C(I_2) = 0.05 \text{ mol/lit (0.1N)}$, by Merck Germany Merck No: 1.09910.0001
١٣	Starch , 1Kg , for analysis , by Merck Germany Merck No: 1.01253.1000
١٤	Calcium Chloride dehydrate $CaCl_2 \cdot 2H_2O$, for analysis , by Merck Germany Merck No: 1.02382.1000
١٥	Magnesium Chloride hexahydrate $MgCl_2 \cdot 6H_2O$, GR for analysis , Assay(complexmetric)= 99.0% - 101.0% , by Merck Germany Merck No: 1.05833.1000
١٦	Sodium Chloride, for analysis , 1Kg, Assay(complexmetric)= 99.0% - ١٠١,٠% , by Merck Germany Merck No: 1.06404.1000
١٧	Sodium sulfite , for analysis , 1Kg , by Merck Germany Merck No: 1.06657.1000
١٨	Chloroform , purity (GC) $\geq 99\% - 99.4\%$, Assay according to ACS $\geq 99.8\%$, GR for analysis, by Merck Germany Merck No: 1.02445.2500
١٩	Buffer solution , PH 4 , PH value at 20°C = 3.98 – 4.02 , by Merck Germany Merck No: 1.09435.1000
٢٠	Buffer solution , PH 7 , PH value at 20°C = 6.98 – 7.02 , by Merck Germany Merck No: 1.09439.1000
٢١	Buffer solution , PH 10 , PH value at 20°C = 9.96 – 10.04 , by Merck Germany Merck No: 1.09438.1000
٢٢	CombiTitrant 5 , One-component reagent for volumetric Karl Fischer titration , 1Lit bottle , 1Lit = 1.19Kg , by Merck Germany Merck No: 1.88005.1000