SPECIFICATION

CHINESE TRICHLOROETHYLENE STANDARD (HG/T 2542-2014), THE IMPLEMENTATION DATE OF THIS STANDARD IS OCTOBER 01, 2014.

Item		I		II	
		Superior Grade	Qualified Grade	Superior Grade	Qualified Grade
Appearance		Transparent Liquid, No Visible Impurity.			
Color (Pt-Co) / Hazen ≤		15	30	15	30
Density, ρ20 / (g/cm^3)		1.460-1.470		1.460-1.470	
Trichloroethylene,ω/% ≥		99.93	99.90	99.30	99.00
1,1,2-trichloroethane,ω/% ≤		0.010	—	—	
Perchlorethylene,ω/% ≤		0.020	—	—	
Acidity or Alkalinity	Acidity (HCl),ω/% ≤	0.0020	0.0030	0.0010	0.0010
	Alkalinity(NaOH),ω/%≤	0.010	0.025	0.010	0.025
Water,ω/% ≤		0.008	0.015	0.008	0.015
Evaporation Residue,ω/% ≤		0.005	0.010	0.005	0.010
Free Chlorine		Pass	—	Pass	—
Acidity after Oxidation (HCl),ω/% ≤		—	—	0.01	0.02

① "—" Means Test Is Not Required According To This Standard (HG/T 2542-2014).

② The price of this two type is the same.

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CERTIFICATE OF ANALYSIS

DATE: APR.01.2025

HEREIN, WE, SHANDONG BEFAR GROUP DONGRUI CHEMICAL CO., LTD. MADE AN INSPECTION ON THE TRICHLOROETHYLENE BY TEST METHOD HG/T 2542-2014, THE RESULTS ARE AS FOLLOWS:

Item		I	II	Result	
		Superior Grade	Superior Grade	I Superior Grade	II Superior Grade
Appearance		Transparent Liquid, No Visible Impurity.			
Color (Pt-Co) / Hazen ≤		15	15	5	5
Density, ρ20 / (g/cm^3)		1.460-1.470	1.460-1.470	1.4633	1.463
Trichloroethylene,ω/% ≥		99.93	99.30	99.99	99.67
1,1,2-trichloroethane,ω/% ≤		0.010	—	0.0015	—
Perchlorethylene,ω/% ≤		0.020	—	0.0011	—
Acidity or Alkalinity	Acidity (HCl),ω/% ≤	0.0020	0.0010	0.00027	—
	Alkalinity(NaOH),ω/ ≤	0.010	0.010	—	0.0002
Water,ω/% ≤		0.008	0.008	0.0028	0.0031
Evaporation Residue,ω/% ≤		0.005	0.005	0.0007	0.0005
Free Chlorine		Pass	Pass	Pass	Pass
Acidity after Oxidation (HCl),ω/% ≤		—	0.01	—	0.01

BATCH NO.: 3716BH210101R

MANUFACTURE DATE: 20210101

EXPIRY ADTE: 20220101

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PACKING DETAILS

Style	Picture
Iron Drums	* Height of Drum: 886±3mm, Diameter of Drum: 585mm. * N.W.:280 (±0.5) Kgs, G.W.:301.5 (±0.5) Kgs , Blue Painting Outside, RDL Coating Innerside. * 80 Drums / 20 Feet Container * Drum printed with our logo "BEFAR"
ISO Tanks	* Net Weight: 19-25 (±5‰) MT / ISO Tank, Baffle Tank.

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