

Certificate of Analysis

Product	Xylene	Batch No.	: 21 06 0163
Grade	RCI Premium	Manufacturing date	: 30/06/2021
Code No.	RP1354	Best before	: 06/2024

Items	Descriptions	Specifications		Test Results	
1	Assay (by GC. : Total of C ₈ H ₁₀ isomers)	98.5%	min.	99.0%	
2	Identity (IR)	Passes test		Passes test	
3	Appearance	Clear		Clear	
4	Color (APHA)	10	max.	< 10	
5	Water (by Coulometry)	0.03%	max.	0.019%	
6	Acidity (mEq./g.)	0.0005	max.	< 0.0005	
7	Alkalinity (mEq./g.)	0.0003	max.	< 0.0003	
8	Residue on Evaporation	0.001%	max.	< 0.001%	
9	Benzene (GC.)	0.1%	max.	< 0.1%	
10	Ethylbenzene (GC.)	25%	max.	< 25%	
11	Toluene (GC.)	0.2%	max.	< 0.2%	
12	Substances darkened by sulfuric acid	Passes test		Passes test	
13	Sulfur Compounds (S)	0.002%	max.	< 0.002%	
14	Thiophene	Passes test		Passes test	
15	Aluminium (Al)	0.2	ppm max.	< 0.2	ppm
16	Barium (Ba)	0.05	ppm max.	< 0.05	ppm
17	Boron (B)	0.01	ppm max.	< 0.01	ppm
18	Cadmium (Cd)	0.02	ppm max.	< 0.02	ppm
19	Calcium (Ca)	0.2	ppm max.	< 0.2	ppm
20	Chromium (Cr)	0.01	ppm max.	< 0.01	ppm
21	Cobalt (Co)	0.01	ppm max.	< 0.01	ppm
22	Copper (Cu)	0.01	ppm max.	< 0.01	ppm
23	Iron (Fe)	0.05	ppm max.	< 0.05	ppm
24	Lead (Pb)	0.05	ppm max.	< 0.05	ppm
25	Magnesium (Mg)	0.05	ppm max.	< 0.05	ppm
26	Manganese (Mn)	0.01	ppm max.	< 0.01	ppm
27	Nickel (Ni)	0.01	ppm max.	< 0.01	ppm
28	Tin (Sn)	0.05	ppm max.	< 0.05	ppm
29	Zinc (Zn)	0.05	ppm max.	< 0.05	ppm

Meet A.C.S. Specifications.

This is to certify the above batch has been tested and complies with this specification.



 Chemist



 Technical Manager