Date: 27.10.2023

Certificate of Analysis

Product Description : N-BUTANOL – INDUSTRIAL GRADE
Invoice Number : 23500421
Quantity : 26.400 MT
Batch Number : 32201

TEST	METHOD	RESULTS	UNITS
Appearance	Visual	Clear & free of suspended Matter	-
Color	ASTM D1209	<5	Pt – Co
Density @20°C (Vacuum)	ASTM D4052	0.8098	Kg/L
Density @20°C (Air)	ASTM D4052	0.8087	Kg/L
Density @15°C (Vacuum)	ASTM D4052	0.8136	Kg/L
Acidity as Acetic Acid	ASTM D1613	0.0008	Wt. %
Distillation at 760mm Hg	ASTM D1078		
IBP		117.5	°C
DP		118.4	°C
Non Volatile Matter	ASTM D1353	< 1	mg/1000mL
Water Content	ASTM E1064	0.082	Wt. %
N-Butanol	GC	99.89	% Vol
Aldehyde content as Acetaldehyde	GC	<0.01	% Vol