



CERTIFICATE OF ANALYSIS

Product Name : Hydrochloric Acid 20%
Batch No. : 20512
Formula : HCl
Cas No : 7647-01-0
Date Of Analysis : Desember, 5 2020

NO.	ITEM TEST	UNITS	METHOD	SPECIFICATION	RESULT
1.	Appearance	—	Visual	Clear to light yellow	Light yellow
2.	Colour	Hazen	ASTM D-1209	max 50	< 40
3.	Specific Gravity at 30 °C	—	By Hydrometer	1.0834 – 1.1136	1.1045
4.	Purity as HCl	wt %	SNI 06-2557-	min 20.0	22.211
5.	Non-volatile residu	wt %	1992 Method	max 0.1	0.01
6.	Sulfate (as H ₂ SO ₄)	wt %	SNI 06-2557	max 0.025	< 0.025
7.	Heavy metas (as Pb)	wt %		max 0.0005	< 0.0005
8.	Iron (as Fe ₂ O ₃)	wt %		max 0.004	< 0.004
9.	Free Chlorine (as Cl ₂)	wt %		max 0.005	< 0.005
10.	Sulfite (as SO ₃)	wt %		max 0.01	< 0.01

Remark:

This certificate refers to COA Maker/ supplier and the tested sample only

PT. Pancasakti Putra Kencana



SUDIRO S.Si.
Quality Control