

**CERTIFICATE OF ANALYSIS**

PRODUCT NAME	CYCLOHEXANONE
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PROPERTY	METHOD	RESULT UNITS	MIN	MIN
Color(Pt-Co)	GB/T 3143-82 (2004)	5 Pt/Co Color	--	15
Purity	GB/T 10669-2001	99.95 % (m/m)	99.8	--
Water	GB/T 6283-2008	0.028 % (m/m)	--	0.08
Acidity as Acetic Acid	GB/T 10669-2001	0.0024 % (m/m)	--	0.01
Distillation Range of Volatile Organic	GB/T 7534-2004			
Initial boiling point (IBP)		155.2 °C	153	--
Recovery at 95%		155.9 °C	--	157
Distillation Range of IBP to 95%		0.7 °C	--	1.5
Density at 20 °C	GB/T 4472-2011	0.9464 g/cm <sup>3</sup>	0.946	0.947
Refractive Index n <sub>D</sub> (20)	ASTM D1218-12(2016)	1.4507 -	--	--