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CERTIFICATE OF ANALYSIS
检测报告

Product Name: Caprolactam (Solid)

CAS No: 105-60-2

GB Standard

Testing items	Index			
	High class product	first-class products	qualified products	test results
Appearance	White, flaky or powdery or granular solid without visible mechanical impurities.			White, flaky solid, no visible mechanical impurities.
Chromaticity of 50% Aqueous Solution/Hazen 铂-钴色号 ≤	2	4	6	0
Crystallization point/°C	68.9	68.8	68.5	69.0
Potassium permanganate absorption value ≤	4	6	10	1
Volatile alkali content/mmol/kg ≤	0.40	0.60	1.00	0.23
Absorption at 290 nm wavelength ≤	0.040	0.060	0.100	0.018
Acidity/mmol/kg ≤	0.05	0.10	0.20	/
Alkalinity/mmol/kg ≤	0.08	0.15	0.20	0.05
Moisture content % ≤	0.10	---	---	0.05
Fe content mg/kg	0.2	0.6	1.0	0.1
Cyclohexanone oxime content/mg/kg	15	20	---	8

