



Product: Sodium Hypochlorite

CAS: 7681-52-9

Sr. No.	Parameter	Customized	Food Grade	Pharma Equivalent
1	Appearance	<i>Pale Yellowish-green clear liquid, free from any visible impurities</i>	<i>Clear, Light Yellowish, faint Chlorinous Odour</i>	<i>Pale Yellowish-green clear liquid, free from any visible impurities</i>
2	Identification Tests	-	-	<i>Passes Tests A, B & C A: Litmus Test B: Chlorine Test C: Flame Test for Sodium</i>
3	Available Chlorine content, as Cl *	<i>Customized (1-14%)</i>	<i>8.0% w/w min</i>	<i>4% - 6% w/w</i>
4	Insoluble matter	-	<i>0.15 % w/w max</i>	-
5	Free Alkali, as NaOH	<i>0.2 - 1.0% w/v</i>	<i>1.5% w/w max</i>	-
6	Free Sodium Carbonate, as Na ₂ CO ₃	<i>0.2 g/l min</i>	-	-
7	Sodium Chlorate, as NaClO ₃	-	<i>5.4% w/w max</i>	-
8	Density, at 20°C	<i>1.07-1.24</i>	<i>1.13 to 1.28 g/ml</i>	-
9	Solubility in water	-	<i>100% Soluble</i>	-
10	pH	<i>11 min</i>	<i>11 min</i>	<i>11 min</i>
11	Arsenic, as As	-	<i>5 ppm max</i>	-
12	Cadmium, as Cd	-	<i>5 ppm max</i>	-
13	Chromium, as Cr	-	<i>5 ppm max</i>	-
14	Iron, as Fe	<i>5 ppm max</i>	-	-
15	Mercury, as Hg	-	<i>5 ppm max</i>	-

* The content stated refers to date of manufacturing. Depending on storage period and temperature a decrease in content is to be expected. Approx half-life at 25°C storage is 80 days and at 30°C storage is 40 days

Plot Nos 1/2/3/90/P3A, GIDC Estate, Godhra 389002, Dist: Panchmahals, GJ, IN

Ph: 9824063593/8780852658 Email: info@phinekem.in/sales@phinekem.in