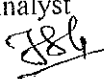




CERTIFICATE OF ANALYSIS (Working Standard)

Name of the sample	Benzalkonium Chloride Solution 50%		
Lot Number	WS/B-02.21		
Date of analysis	Jul 11, 2015	Date of retest	Jul 10, 2016

Sr. No.	Test(s)	Specification(s)	Result(s)
1.0	Description	Clear colourless or slightly yellow, syrupy liquid, odour, aromatic.	Clear colourless syrupy liquid, odour, aromatic. Complies
2.0	Solubility	Miscible with water, and with ethanol (95%).	Complies
3.0	Identification A. Precipitation reaction B. Colour reaction C. Reaction of chlorides	A white precipitate is formed which is soluble in ethanol (95%). A white precipitate is produced on addition of mercuric chloride solution which is soluble in ethanol (95%). An orange-red colour is produced. A curdy white precipitate is formed which is insoluble in nitric acid but soluble, after being well washed with water, in dilute ammonia solution. It is reprecipitated by the addition of dilute nitric acid.	Positive Positive Positive Positive
4.0	Acidity or alkalinity	Not more than 0.1 mL of 0.1M sodium hydroxide is required.	0.05 mL of 0.1M sodium hydroxide is required.
5.0	Ammonia compounds	No odour of ammonia is produced.	Complies
6.0	Foreign compounds	No precipitate is formed. The odour of amine is not perceptible on boiling.	Complies
7.0	Assay	Not less than 49.0% w/v and not more than 51.0% w/v of alkylbenzyltrimethylammonium chlorides, calculated as C ₂₂ H ₄₀ ClN	50.1%

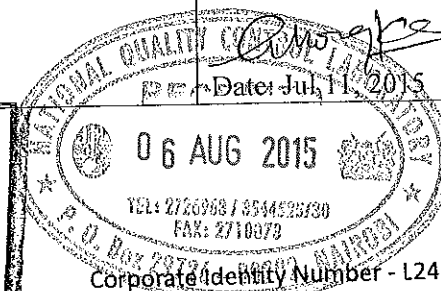
Remarks : The Working standard of Benzalkonium Chloride Solution 50% WS/B-02.21, complies as per In-house specification.

Prepared By Jayashree Ghatkar Analyst  Date: Jul 11, 2015	Checked By Nitin Gonjare Executive  Date: Jul 11, 2015	Approved By Govind Morajkar Manager  Date: Jul 11, 2015
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AJANTA PHARMA LIMITED
MUMBAI

AUTHORISED C. O. A.

Sign:  Jul 16, 2015



Corporate Identity Number - L24230MH1979PLC022059