

# BASILDON CHEMICAL COMPANY LIMITED

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## PRODUCT SPECIFICATION

### BC Simethicone Antifoam PD30S

TEST	CODE	SPECIFICATION
Appearance	AP 01	Off white viscous emulsion
Odour	OD 01	Slight characteristic odour
Defoaming activity (Current USP) (3.3 g diluted to 100ml)	EF 09	<15 seconds
Assay PDMS content (Current USP) (167mg in 25ml)	PD 01	28.00 – 31.60 %
Identification PDMS (Current USP) (167mg in 25ml)	PD 02	Matches standard
pH	PH 02	2.0 - 3.5
Solids (1 g for 3 hours at +105°C)	SO 01	35.00 – 41.00 %
Microbiological condition (TS + SD)	BA 14	< 100 CFU/ml (TVC, M+Y)
Bacteriological Condition		Escherichia coli
Escherichia coli,	BA 11	not isolated in 1mL
Pseudomonas aeruginosa,	BA 12	Pseudomonas aeruginosa
Burkholderia cepacia	BA 12	Burkholderia cepacia
		not isolated in 1mL

**This product complies with the requirements of the current USP monograph and applicable general chapters, including Elemental Impurities (ICH Q3D) and Residual Solvents (ICH Q3C)**

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