

ULTRA

SPECIFICATION OF DI-BUTYL MALATE

SR.NO.	DESCRIPTION	SPECIFICATION	RESULT
1	APPEARANCE	CLEAR & CLEAN	CLEAR & CLEAN

2	COLOUR HAZEN	75 MAX	15 HAZEN
3	SPECIFIC GRAVITY 27 C / 27 C	0.990-0.994	0.99100
4	REFRACTIVE INDEX	1.442 – 1.446	1.4440
5	ACIDITY % BY MASS (MALEIC ACID)	0.02 % MAX	0.0037990 %
6	ESTER VALUE (mg of KOH/gm of DBM)	489 - 495	492.4110
7	MOISTURE % BY WT. KARLFISCHER METHOD	0.2 % MAX	0.130300 %
8	COLOUR AFTER HEAT TREATMENT (180 C /120 MINUTES)	120 MAX	20 HAZEN
9	VOLATILE LOSS (110C/180 MTS KOREA KSM 3003)	0.5 % MAX	0.286530 %

ULTRA CHEMICAL WORKS

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