

BARLENE™ TERTIARY AMINES

Barlene Tertiary Amines are alkyl dimethyl amines which are used as intermediates for the manufacture of quaternary ammonium compounds for antimicrobial, textile, hair care and industrial applications as well as amine oxide and betaine surfactants for personal care, industrial and institutional use.

Product Description

	Barlene™ 12	Barlene™ 12C	Barlene™ 12S	Barlene™ 14	Barlene™ 14S	Barlene™ 16S	Barlene™ 18S
Description	Lauryl Dimethyl Amine	Coco Dimethyl Amine	Lauryl Dimethyl Amine	Myristyl Dimethyl Amine	Myristyl Dimethyl Amine	Cetyl Dimethyl Amine	Stearyl Dimethyl Amine
CAS Number	68439-70-3	61788-93-0	112-18-5	112-75-4	112-75-4	112-69-6	124-28-7

Product Specifications

Alkyl Chain Distribution

%C ₈	--	6±3	--	--	--	--	--
%C ₁₀	--	8±4	--	--	--	--	--
%C ₁₂	69±3	46±5	95 Min.	40±3	--	--	--
%C ₁₄	25±3	24±5	--	50±3	95 Min.	--	--
%C ₁₆	6±2	10±4	--	10±2	--	95 Min.	--
%C ₁₈	--	2-7	--	--	--	--	95 Min.
Other	3 Max.	3 Max.	--	3 Max.	--	--	--
% Tertiary Amine (Min.)	95	95	95	95	95	95	95
% Primary & Secondary Amine (Max.)	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Color, APHA (Max.)	30	30	30	30	50	50	30
% Moisture (Max.)	0.3	0.3	0.3	0.3	0.5	0.5	0.3

Typical Physical Properties

Specific Gravity @ 20°C	0.790	0.787	0.788	0.793	0.797	0.800	0.805
Theoretical Molecular Wt.	224	224	213	233	241	269	297

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