

MIRATAINE® C37 HP MB

TECHNICAL DATA SHEET AP 90101241 – AUGUST 2022

IDENTIFICATION

INCI Name: COCAMIDOPROPYL BETAINE
CAS Number: 70851-07-9

SPECIFICATIONS	RESULTS	METHOD
Appearance (25°C)	Colorless to Light Yellow Liquid	Visual
Odor	Slight	RP-0359
Moisture (Karl Fisher), %	60.5 - 64.5	RP-0327
pH (As Is)	11.5 – 12.5	146A
Sodium Chloride, %	4.5 – 6.0	RP-0098
Free Alkalinity, %	0.25 Max	RP-0040
Color, APHA	150 Max	116A
Sodium Glycolate, %	0.70 Max	RP-0108
Free Amidoamine, %	0.50 Max	RP-1326
Iron, ppm	5.0 Max	196A
Total Chloroacetic Acids, ppm	150 Max	CALC
Free Fatty Acid, %	0.50 Max	RP-0971
Assay, %	28.0 – 32.0	RP-0052
DMAPA, ppm	10 Max	RP-1122
Alkyl, C-8+10, %	2.0 Max	502D
Alkyl, C-12, %	50.0 – 58.0	502H
Alkyl, C-14, %	19.0 – 25.0	502J
Alkyl, C-16, %	8.0 – 14.0	502L
Alkyl, C-18, %	7.0 – 15.0	502L
Infrared Spectrum	Pass	542A

TYPICAL PROPERTIES

Specific Gravity, @ 25°C 1.045

STANDARD APPLICATIONS

MIRATAINE® C37 HP MB is a high purity grade of cocamidopropyl betaine with a “stripped” alkyl distribution. It is stable over a wide pH range and is compatible with anionic, nonionic and cationic surfactants. This product offers an exceptionally low and stable color as well as low residual odor. When compared to other standard grades of cocamidopropyl betaine, MIRATAINE® C37 HP MB exhibits better flash foam and viscosity-building characteristics with lauryl sulfates, alpha olefin sulfonates and other anionic-based formulations. MIRATAINE® C37 HP MB contains no preservative. The high pH of the material serves to make it hostile to microbial growth.

PRINCIPLE USES:

Personal Care: Shampoos – 3% - 15%; Bath Products – 5% - 15%; Liquid Hand Soaps – 2% - 10%
Industrial & Institutional: Liquid Hand Dishwash – 5% - 15%



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STANDARD PACKAGING

MIRATAINE® C37 HP MB is available in Bulk Quantities and 200 KG. Plastic Drums. Alternative package sizes may be available upon request.

SHELF LIFE

MIRATAINE® C37 HP MB has a shelf life of 730 days.

WARNING

The information contained in this document is given in good faith and based on our current knowledge. It is only an indication and is in no way binding, notably as regards infringement of or prejudice to third parties through the use of our products. SOLVAY GUARANTEES THAT ITS PRODUCTS COMPLY WITH ITS SALES SPECIFICATIONS.

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