

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Coco Diethanolamide
2. INCI Name	Cocamide DEA
3. Molecular Formula	$C_{13}H_{13}Cl_8NO_4$
4. CAS Number	68603-42-9
5. Batch No & Mfg. Date	As mentioned on Label
6. Date Of Exp	3 Years From MFG
7. Date of Analysis	June - 2024

CDEA is a, Coconut Oil Derived Secondary Surfactant. It enhances the Foaming Properties & gives good Viscosity to the end product. It imparts Mild Moisturising effect.

Parameter	Specs	Results
Odor	Characteristics	Complies
Color	Light Yellow	Complies
Apparency	Clear, mobil liquid	Complies
pH 1% Soln	9 – 12	10.7
Clarity 20% Soln	Clear Liquid	Complies
Free Amine	16 % Max	15.44
Moisture	1 % Max	0.40%
Solubility	Soluble in Water	Complies

Applications:

It is used widely in several Personal, Home Care Products like Shampoo's, Body Washes, Liquid Soaps, Detergents, Industrial Cleaners.