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Certificate of Analysis

Catalogue Number	27532
Lot Number	001135-0401106
Product	3-(N,N-Dimethylpalmitylammonio) 3-(Hexadecyldimethylammonio)propanesulfonate 3-(Palmityldimethylammonio)propanesulfonate
CAS Number	2281-11-0
Molecular Formula	C ₂₁ H ₄₅ NO ₃ S
Molecular Weight	391.66

Appearance	White powder
Solubility	Clear and complete solution (10% in Water)
pH	5.7 (1% in Water)
Conductivity	2 µs/cm (10% in Water)
UV Ratios	UV (1% in H ₂ O) A _{225nm} : 0.04 A _{260nm} : 0.02 A _{280nm} : 0.01 A _{340nm} : 0.0
Loss on Drying	0.3% (140 °C, 30 mins)
Purity by HPLC	100%
Storage	Store at 0 - 8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager