

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Surfact-Amps® X-114

PRODUCT NUMBER: 28332

LOT NUMBER: ML166161

SPECIFICATIONS:

VISUAL: Slightly hazy to cloudy, colorless solution, free of particulates. May form layers.

CONCENTRATION: 10.0 ± 1.0%

OXIDANTS: ≤ 1.0 ueq/mL

CARBONYLS: ≤ 1.0 ueq/mL

SUSPENDED SOLIDS: Residue present must not exceed Residue Reference.

RESULTS:

VISUAL: Slightly hazy to cloudy, colorless solution, free of particulates. No layers evident.

CONCENTRATION: 9.6%

OXIDANTS: 0.007 ueq/mL

CARBONYLS: 0.092 ueq/mL

SUSPENDED SOLIDS: Residue present does not exceed Residue Reference.

ADDITIONAL TESTING:

pH: 4.8

Cloud Point: 30 °C

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Brandon Smith, Quality Chemist



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This product ("Product") is warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Product documentation, specifications and/or accompanying package inserts ("Documentation") and to be free from defects in material and workmanship. Unless otherwise expressly authorized in writing, Products are supplied for research use only. No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the original purchaser of the Product ("Buyer").

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