

Certificate of Analysis

Product: Polysorbate 80
Item Number: PS80F
Grade: FCC
Lot Number: 220515-A
Manufacture Date: 03/19/2021
Expiration Date: 03/18/2024
Country of Origin: United States

Tested Property	Specification	Analysis
Assay	65.0 - 69.0%	67.0
Acid Value	2.0 - 2.2 mg KOH/g	Pass
Hydroxyl Number	65 - 80 mg KOH/g	Passes
Saponification Value	45 - 55 mg KOH/g	Passes
Oleic Acid	22 - 24g/100g	Passes
Water Content, wt%	Max 3.0	2.9
Specific Gravity @ 25°C	1.06 - 1.09	1.07
1,4 Dioxane	<= 10mg/kg	8
Lead	<= 2mg/kg	< 2
Residue after ignition	<= 0.25%	< 0.25
Identification	To pass the test	Passes
Residual Solvents	To pass the test	Passes

[Polysorbate 80](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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