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Specification Sheet

Product Name: **Kolliphor® P 407**
Specifications & Purity: oxyethylene 71.5-74.9 %
SKU #: **K434429**

Parameter	Limit Values
Water by Karl Fischer	0-0.75 (%)
Average Molecular Mass (g/mol)	10000-14600
Average Molecular Weight (g/mol)	9840-14600 (g/mol)
pH Value (1:40)	5.0-7.5
Cloud Point, 10% in Water	≥100 (°C)
Color (50:50 in MeOH) (APHA)	≤120 (APHA)
Residual EO	≤1 (ppm)
Residual PO	≤5 (ppm)
Residual 1,4 - Dioxane	≤5 (ppm)
Clarity and color of solution	Clear and colorless
Heavy metals	0-20 (ppm)
Butylhydroxytoluene	50-125 (ppm)
Sum of EG and DEG(≤0.25%)	Pass
Appearance of Solution ≤ BY7	Pass
Oxyethylene (Weight %)	71.5-74.9 (%)
Unsaturation (mEq/g)	0.031-0.065
Total ash	0-0.4 (%)
Infrared spectrum	Conforms to Structure
Residue on Ignition	0-0.3 (%)
Congeaing Temperature	50-62 (°C)
(As)Arsenic	0-2 (ppm)

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