

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-20 14:46:10

Date of Next Testing: 2026-07-19 14:46:10

Product Name: **Kolliphor® HS 15**

CAS Number: 70142-34-6

Specifications & Purity:

Lot #: G23131057

SKU #: **K487242****Analysis: 243739**

Parameter	Limit Values	Result
Acetic acid Content	0-0.5 (%)	0.20000 %
Water by Karl Fischer	0-0.5 (%)	0.10 %
Ethylene oxide	0-1 (ppm)	0.92000 ppm
Nickel(Ni)	0-1 (ppm)	0.95 ppm
dioxane	0-10 (ppm)	8.20000 ppm
diethylene glycol	0-620 (ppm)	99.60000 ppm
ethylene glycol	0-620 (ppm)	48.30000 ppm
Heavy metals	0-10 (ppm)	0.00 ppm
Residue on Ignition	0-0.3 (%)	0.20000 %
pH value(1 g/10 mL in H ₂ O)	5-7	6.00000
Acid Value	0-1 (mgKOH/g)	0.20 mgKOH/g
Hydroxyl value	90-110 (mgKOH/g)	102.00 mgKOH/g
Iodine value (I ₂ /100g)	0-2	0.40
Peroxide Value(meq/kg)	0-3 (meq/kg)	0.96000 meq/kg
Saponification value	53-63(mgKOH/g)	59.00 mgKOH/g

John Su
QA & QC Manager