

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-10 15:40:31

Date of Next Testing: 2027-04-10 15:40:31

Product Name: **Kolliphor® HS 15**

CAS Number: 70142-34-6

Specifications & Purity:

Lot #: D2402326

SKU #: **K487242****Analysis: 331143**

Parameter	Limit Values	Result
Acid Value	0-1 (mgKOH/g)	0.20 mgKOH/g
Iodine value (I ₂ /100g)	0-2	0.40
Peroxide Value (meq/kg)	0-3 (meq/kg)	1.06000 meq/kg
Hydroxyl value	90-110 (mgKOH/g)	102.00 mgKOH/g
Acetic acid Content	0-0.5 (%)	0.33000 %
Water by Karl Fischer	0-0.5 (%)	0.41 %
Ethylene oxide	0-1 (ppm)	0.88000 ppm
Nickel(Ni)	0-1 (ppm)	0.76 ppm
dioxane	0-10 (ppm)	8.30000 ppm
diethylene glycol	0-620 (ppm)	545.00000 ppm
ethylene glycol	0-620 (ppm)	602.00000 ppm
Heavy metals	0-10 (ppm)	7.00 ppm
Residue on Ignition	0-0.3 (%)	0.21100 %
pH value(1 g/10 mL in H ₂ O)	5-7	6.05000
Saponification value	53-63(mgKOH/g)	54.00 mgKOH/g

John Su
QA & QC Manager