

JIANGSU PUYUAN CHEMICAL INDUSTRY CO., LTD.

No.16 Songlinshan Road(Chemical Avenue),New District,Dagang, Zhenjiang, Jiangsu,China

CERTIFICATE OF ANALYSIS

DATE:NOV. 25, 2024

DESCRIPTION OF GOODS: METHYL SALICYLATE

USP36 GRADE

QUANTITY:20,000 KGS / 152 DRUMS / 20 PALLETS

PACKED IN 250KGS PLASTIC DRUM WITH PALLET (QTY:18,000 KGS/72DRUMS/18PALLETS)

PACKED IN 25KGS PLASTIC DRUM WITH PALLET (QTY:2,000 KGS/80DRUMS/2 PALLETS)

MANUFACTURING DATE:NOV. 15, 2024

EXPIRY DATE:NOV. 14, 2027

BATCH NO. :2411040

	SPECIFICATIONS	RESULTS
IDENTIFICATION:	A. HEAT 0.25ML WITH 2ML OF DILUTE SODIUM HYDROXIDE SOLUTION R ON WATER BATH ADD 3ML OF DILUE SULPHURIC ACID R, A CRYSTALLINE PRECIPITATE IS FORMED, FILITER, THE PRECIPITATE WASHED WITH WATER R AND DRIED AT 100°C TO 105°C MELTS AT 156°C TO 161°C B. TO 10ML OF A SATURATED SOLUTION ADD 0.05ML OF FERRIC CHLORIDE SOLUTION R1 A VIOET COLOR DEVELOPS C. SHAKE 1 DROP WITH ABOUT 5ML OF WATER, AND ADD 1 DROP OF FERRIC CHLORIDE TS, THE RESULTING MIXTURE HAS A DEEP VIOLET COLOR	PASS TEST
APPEARANCE	COLORLEEE OR PALE YELLOW LIQUID WITH AROMATIC ORDOUR	CLEAR, COLOURLESS LIQUID WITH AROMATIC ODOUR
ASSAY	99.0%-100.5%	99.80%
ACIDITY: [0.1N NaOH]/5.0G	0.4 ML MAX.	0.10
RELATIVE DENSITY	1.180 TO 1.185	1.182
REFRACTIVE INDEX	1.535 TO 1.538	1.537
HEAVY METALS	0.002%(20PPM) MAX	<20 PPM
PHENOL	400 PPM MAX	355 PPM
SOLUBILITY	COMPLETE & CLEAR 1:7 ML OF 70% ETHANOL	COMPLETE & CLEAR
ANGULAR ROTATION	OPTICALLY INACTIVE	PASS TEST
ORGANIC VOLATILE IMPURITIES (METHOD IV)	MEETS THE REQUIREMENTS	PASS TEST

CERTIFIED BY:

江苏普源化工有限公司
JIANGSU PUYUAN CHEMICAL INDUSTRY CO.,LTD.