

Certificate of chemical composition

Product Range: KS50; KS100; KS120; KS150; KS200; KS300

NAME	FORMULA	CAS NO.	WEIGHT (%)	Function
Lithium ion phosphate carbon coated	LiFePO ₄	15365-14-7	29.6	Cathode electrolyte
Graphite	C	7782-42-5	15.2	Grid
Aluminium	Al	7429-90-5	4.9	Grid
Copper	Cu	7440-50-8	8.8	conductor
Stainless Steel	Fe	65997-19-5	19.3	Cell case
Polypropylene	(C ₃ H ₆) _n	90003-07-0	4.5	insulator
Methyl-acetate	CH ₃ COOCH ₃	616-38-6	13.4	Suspension-electrolyte
Lithium Hexafluorophosphate	LiPF ₆	21324-40-3	2.1	electrolyte
Poly(Ethylene Terephthalate)	COC ₆ H ₄ COOCH ₂ CH ₂ O	25038-59-9	1.6	Housing

Shipping (MSDS) Hazard identification:

Explosion dangerous good	-	not classified as explosive risk
Flammable risk	-	not classified as flammable risk
Oxidation risk	-	not classified
Toxic risk	-	not classified as toxic
Other risk	-	10.24Wh cells which belong to lithium ion batteries

May, 3rd, 2019.

Ref No. GJW2017-0411