

Liquids



MVG's homogeneous liquids are compliant with the international SAR measurement standards. To facilitate handling and cleaning, our liquids do not use sugar unless it is necessary.

Main features

Product category

- Liquids

Function

- Simulates the human head and body tissues

User profile

- SAR bench user, University, Biology Lab.

Related standard

- IEEE 1528; FCC OET Bulletin 65 (Ed. 97-01) supplement C and all related KDB; IEC 62209-1/ IEC 62209-2; EN 50361:2001;

Related equipment

- SAR bench, phantoms, LimeSAR

Available containers

- 10, 20, 25, 30 liters

SAR LIQUIDS

Technical characteristics

Frequencies for head SAR liquids	300 MHz to 6000 MHz
Frequencies for body SAR liquids	300 MHz to 6000 MHz
Tolerance from related standard target values	± 5 %, ± 10 %

AVAILABLE PREMIXED SAR LIQUIDS AND VALIDITY FREQUENCY BAND

Head Liquid (IEC standard)

HL 300 (300 - 410 MHz)	SHL300
HL 450 (410 - 500 MHz)	SHL450
HL 600 (500 - 690 MHz)	SHL600
HL 700 (690 - 750 MHz)	SHL700
HL 750 (750 - 810 MHz)	SHL750
HL 900 (820 - 920 MHz)	SHL900
HL1000 (920 - 1000 MHz)	SHL1000
HL1135 (1020 - 1250 MHz)	SHL1135
HL1325 (1250 - 1400 MHz)	SHL1325
HL1450 (1420 - 1510 MHz)	SHL1450
HL1600 (1510 - 1700 MHz)	SHL1600
HL1800 (1700 - 1800 MHz)	SHL1800
HL1900 (1840 - 1920 MHz)	SHL1900
HL2000 (1910 - 2000 MHz)	SHL2000
HL2100 (2000 - 2300 MHz)	SHL2100
HL2450 (2300 - 2700 MHz)	SHL2450
HL3000 (2700 - 3300 MHz)	SHL3000
HL3500 (3300 - 3800 MHz)	SHL3500
HL5000 (5000 - 6000 MHz)	SHL6000

Body Liquid (FCC standards)

BL 300 (300 - 410 MHz)	SBL300
BL 450 (410 - 500 MHz)	SBL450
BL 600 (500 - 690 MHz)	SBL600
BL 700 (690 - 750 MHz)	SBL700
BL 750 (750 - 810 MHz)	SBL750
BL 900 (820 - 920 MHz)	SBL900
BL1450 (1420 - 1510 MHz)	SBL1450
BL1600 (1510 - 1700 MHz)	SBL1600
BL1800 (1700 - 1800 MHz)	SBL1800
BL1900 (1840 - 1920 MHz)	SBL1900
BL2000 (1910 - 2000 MHz)	SBL2000
BL2100 (2000 - 2300 MHz)	SBL2100
BL2450 (2300 - 2700 MHz)	SBL2450
BL3000 (2700 - 3300 MHz)	SBL3000
BL3500 (3300 - 3800 MHz)	SBL3500
BL5000 (5000 - 6000 MHz)	SBL6000



Contact your local sales representative for more information

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