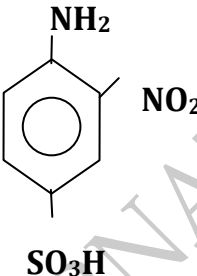


## SPECIFICATION:

### Ortho Nitro Aniline Para Sulphonic Acid (ONAPSA)

PRODUCT NAME	ONAPSA FREE ACID
CHEMICAL NAME	2 NITRO ANILINE 4 SULPHONIC ACID; 3 NITRO 4 AMINO BENZENE SULPHONIC ACID
CAS NO.	616-84-2
MOLECULAR FORMULA	C <sub>6</sub> H <sub>6</sub> O <sub>5</sub> N <sub>2</sub> S
MOLECULAR WEIGHT	218
STRUCTURAL FORMULA	

➤ **PHYSICAL PROPERTIES**

FORM SUPPLIED	DRY POWDER / WET CAKE
SALES BASIS	REAL CONTENT ON 100% BASIS
APPEARANCE	LIGHT YELLOW TO REDDISH YELLOW

➤ **CHEMICAL PROPERTIES**

ASSAY	85% (MIN) / 70 % WET
INSOLUBLES	0.3 % MAX
SALT CONTENT [NaCl]	4 % MAX
Na <sub>2</sub> SO <sub>4</sub> CONTENT	1% MAX
SOLUBILITY IN WATER	180 GPL MIN
IRON CONTENT	100 PPM MAX
MOISTURE CONTENT	1.0 % MAX

➤ **CHROMATOGRAPH RESULT**

ISOMERS	TRACES
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